

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060722\
 Data File : VD073490.D
 Acq On : 07 Jun 2022 09:52
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

06/08/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Jun 07 16:32:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	301376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	481362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	472289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	245893	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	163777	49.173	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.340%
35) Dibromofluoromethane	7.909	113	175948	55.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.780%
50) Toluene-d8	10.332	98	624125	53.304	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.600%
62) 4-Bromofluorobenzene	12.620	95	237658	57.837	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	152335	50.585	ug/l	100
3) Chloromethane	2.209	50	143748	42.214	ug/l	100
4) Vinyl Chloride	2.344	62	141110	45.318	ug/l	100
5) Bromomethane	2.762	94	102840	51.651	ug/l	99
6) Chloroethane	2.921	64	91618	47.863	ug/l	95
7) Trichlorofluoromethane	3.268	101	270662	49.159	ug/l	96
8) Diethyl Ether	3.709	74	72837	48.143	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.091	101	161758	49.240	ug/l	93
10) Methyl Iodide	4.297	142	170641	48.145	ug/l	98
11) Tert butyl alcohol	5.197	59	90483	175.101	ug/l #	80
12) 1,1-Dichloroethene	4.062	96	146835	48.481	ug/l	88
13) Acrolein	3.915	56	26533	120.851	ug/l	95
14) Allyl chloride	4.715	41	220688	45.141	ug/l #	91
15) Acrylonitrile	5.415	53	170318	246.187	ug/l	97
16) Acetone	4.150	43	145664	252.495	ug/l	95
17) Carbon Disulfide	4.409	76	447408	44.561	ug/l	97
18) Methyl Acetate	4.715	43	74982	46.741	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	353997	51.304	ug/l	95
20) Methylene Chloride	4.956	84	176334	48.032	ug/l #	83
21) trans-1,2-Dichloroethene	5.462	96	178177	48.655	ug/l	88
22) Diisopropyl ether	6.356	45	497077	48.502	ug/l #	91
23) Vinyl Acetate	6.297	43	1325175	242.414	ug/l #	92
24) 1,1-Dichloroethane	6.256	63	308445	46.888	ug/l	98
25) 2-Butanone	7.203	43	202911	240.408	ug/l #	87
26) 2,2-Dichloropropane	7.203	77	275251	49.064	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	197247	48.678	ug/l	90
28) Bromochloromethane	7.538	49	96569	42.610	ug/l #	75
29) Tetrahydrofuran	7.556	42	129103	236.556	ug/l	89
30) Chloroform	7.703	83	335923	48.913	ug/l	97
31) Cyclohexane	7.979	56	254143	43.665	ug/l	85
32) 1,1,1-Trichloroethane	7.897	97	295197	49.145	ug/l	95
36) 1,1-Dichloropropene	8.103	75	245764	51.446	ug/l	97
37) Ethyl Acetate	7.285	43	95028	50.361	ug/l #	95
38) Carbon Tetrachloride	8.091	117	264951	54.714	ug/l	100
39) Methylcyclohexane	9.350	83	269297	50.582	ug/l	97
40) Benzene	8.344	78	722576	52.483	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060722\
 Data File : VD073490.D
 Acq On : 07 Jun 2022 09:52
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

06/08/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Jun 07 16:32:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	43382	39.460	ug/l #	73
42) 1,2-Dichloroethane	8.414	62	197480	51.550	ug/l	95
43) Isopropyl Acetate	8.444	43	177509	50.894	ug/l #	90
44) Trichloroethene	9.103	130	197658	53.837	ug/l	89
45) 1,2-Dichloropropane	9.379	63	177369	51.155	ug/l	93
46) Dibromomethane	9.461	93	100924	52.998	ug/l	95
47) Bromodichloromethane	9.650	83	251333	51.582	ug/l	99
48) Methyl methacrylate	9.450	41	84061	47.905	ug/l #	81
49) 1,4-Dioxane	9.450	88	20564	1045.681	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	480268	265.124	ug/l	92
52) Toluene	10.391	92	477851	54.924	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	232804	52.887	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	275816	52.360	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	137758	53.496	ug/l	98
56) Ethyl methacrylate	10.650	69	159062	55.556	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	228732	52.937	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	351694	257.807	ug/l	92
59) 2-Hexanone	10.973	43	340889	285.433	ug/l	93
60) Dibromochloromethane	11.132	129	178917	55.721	ug/l	100
61) 1,2-Dibromoethane	11.238	107	133665	54.320	ug/l	99
64) Tetrachloroethene	10.867	164	161856	52.323	ug/l	96
65) Chlorobenzene	11.661	112	502365	51.850	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	189103	52.626	ug/l	99
67) Ethyl Benzene	11.732	91	893849	52.553	ug/l	100
68) m/p-Xylenes	11.844	106	712714	107.855	ug/l	98
69) o-Xylene	12.167	106	322429	53.114	ug/l	96
70) Styrene	12.185	104	579298	55.466	ug/l	96
71) Bromoform	12.349	173	101888	55.093	ug/l #	99
73) Isopropylbenzene	12.467	105	861749	49.160	ug/l	99
74) N-amyl acetate	12.279	43	178800	46.756	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	154278	47.720	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	110304m	45.719	ug/l	
77) Bromobenzene	12.749	156	203021	49.200	ug/l	91
78) n-propylbenzene	12.808	91	1087680	49.424	ug/l	98
79) 2-Chlorotoluene	12.897	91	618679	48.690	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	751129	50.583	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	48079	47.841	ug/l	88
82) 4-Chlorotoluene	12.991	91	663170	49.793	ug/l	98
83) tert-Butylbenzene	13.208	119	647146	51.710	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	751998	51.262	ug/l	99
85) sec-Butylbenzene	13.385	105	961225	50.302	ug/l	99
86) p-Isopropyltoluene	13.502	119	803088	51.556	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	415511	49.956	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	414396	49.356	ug/l	99
89) n-Butylbenzene	13.826	91	746465	50.294	ug/l	98
90) Hexachloroethane	14.096	117	159457	49.472	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	361300	50.205	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	23628	47.724	ug/l	85
93) 1,2,4-Trichlorobenzene	15.143	180	211089	51.665	ug/l	99
94) Hexachlorobutadiene	15.249	225	114192	49.598	ug/l	97
95) Naphthalene	15.379	128	379933	47.413	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	183800	50.744	ug/l	98

06/08/2022

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060722\
Data File : VD073490.D
Acq On : 07 Jun 2022 09:52
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 16:32:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John
Carlone

06/08/2022
Supervised By :Mahesh
Dadoda

06/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060722\
Data File : VD073490.D
Acq On : 07 Jun 2022 09:52
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Jun 07 16:32:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John
Carlone

06/08/2022
Supervised By :Mahesh
Dadoda

06/08/2022

