

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
 Data File : VD073400.D
 Acq On : 26 May 2022 20:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022

Quant Time: May 27 01:34:31 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	322008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	550376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	528008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	257156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	188446	52.954	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.900%			
35) Dibromofluoromethane	7.909	113	195472	53.823	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.640%			
50) Toluene-d8	10.332	98	710194	53.049	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.100%			
62) 4-Bromofluorobenzene	12.620	95	264752	56.351	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	214065	66.529	ug/l	95
3) Chloromethane	2.209	50	223124	61.326	ug/l	95
4) Vinyl Chloride	2.344	62	206722	62.135	ug/l	99
5) Bromomethane	2.756	94	135651	64.795	ug/l	91
6) Chloroethane	2.915	64	125801	61.510	ug/l	98
7) Trichlorofluoromethane	3.268	101	350761	59.625	ug/l	100
8) Diethyl Ether	3.709	74	112156	69.382	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	207106	59.004	ug/l	94
10) Methyl Iodide	4.297	142	244873	64.662	ug/l	96
11) Tert butyl alcohol	5.215	59	105008	190.189	ug/l #	90
12) 1,1-Dichloroethene	4.062	96	206264	63.739	ug/l	92
13) Acrolein	3.915	56	37220	164.643	ug/l	98
14) Allyl chloride	4.709	41	337138	64.542	ug/l	90
15) Acrylonitrile	5.415	53	256967	347.635	ug/l	97
16) Acetone	4.156	43	181418	294.322	ug/l #	84
17) Carbon Disulfide	4.403	76	686397	63.983	ug/l	98
18) Methyl Acetate	4.715	43	121192	70.707	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	499944	67.814	ug/l	99
20) Methylene Chloride	4.956	84	261573	68.370	ug/l	86
21) trans-1,2-Dichloroethene	5.473	96	249497	63.766	ug/l	88
22) Diisopropyl ether	6.362	45	713874	65.193	ug/l #	91
23) Vinyl Acetate	6.297	43	2001939	342.749	ug/l #	93
24) 1,1-Dichloroethane	6.262	63	431954	61.456	ug/l	99
25) 2-Butanone	7.203	43	298168	330.634	ug/l	93
26) 2,2-Dichloropropane	7.203	77	317242	52.925	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	281401	64.997	ug/l	89
28) Bromochloromethane	7.544	49	120299	49.680	ug/l #	79
29) Tetrahydrofuran	7.561	42	207471	355.792	ug/l	92
30) Chloroform	7.703	83	453553	61.809	ug/l	98
31) Cyclohexane	7.979	56	362412	58.277	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	384411	59.897	ug/l	96
36) 1,1-Dichloropropene	8.109	75	330622	60.530	ug/l	95
37) Ethyl Acetate	7.285	43	144806	67.118	ug/l #	94
38) Carbon Tetrachloride	8.091	117	330088	59.617	ug/l	99
39) Methylcyclohexane	9.350	83	388026	63.744	ug/l	98
40) Benzene	8.344	78	984571	62.545	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
 Data File : VD073400.D
 Acq On : 26 May 2022 20:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022

Quant Time: May 27 01:34:31 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	7.520	41	85674	68.157	ug/l #	89
42) 1,2-Dichloroethane	8.420	62	273304	62.396	ug/l	96
43) Isopropyl Acetate	8.444	43	273635	68.617	ug/l #	92
44) Trichloroethene	9.103	130	262151	62.450	ug/l	96
45) 1,2-Dichloropropane	9.379	63	246115	62.082	ug/l	100
46) Dibromomethane	9.467	93	138380	63.555	ug/l	96
47) Bromodichloromethane	9.656	83	342830	61.537	ug/l #	99
48) Methyl methacrylate	9.450	41	137269	68.418	ug/l #	89
49) 1,4-Dioxane	9.456	88	31900	1418.714	ug/l	89
51) 4-Methyl-2-Pentanone	10.220	43	731570	353.210	ug/l	93
52) Toluene	10.397	92	642002	64.539	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	319923	63.565	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	379133	62.948	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	189651	64.413	ug/l	96
56) Ethyl methacrylate	10.650	69	241593	73.801	ug/l	86
57) 1,3-Dichloropropane	10.938	76	323358	65.453	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	449135	285.424	ug/l	95
59) 2-Hexanone	10.973	43	488836	357.987	ug/l	90
60) Dibromochloromethane	11.132	129	233522	63.607	ug/l	100
61) 1,2-Dibromoethane	11.238	107	183786	65.323	ug/l	96
64) Tetrachloroethene	10.867	164	211837	61.254	ug/l	96
65) Chlorobenzene	11.661	112	678523	62.641	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	252254	62.793	ug/l	99
67) Ethyl Benzene	11.732	91	1210840	63.678	ug/l	100
68) m/p-Xylenes	11.844	106	950646	128.681	ug/l	98
69) o-Xylene	12.167	106	440106	64.848	ug/l	99
70) Styrene	12.185	104	773718	66.264	ug/l	97
71) Bromoform	12.349	173	138055	66.772	ug/l #	98
73) Isopropylbenzene	12.467	105	1161022	63.331	ug/l	99
74) N-amyl acetate	12.279	43	270067	67.529	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	213651	63.190	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	149199m	59.132	ug/l	
77) Bromobenzene	12.749	156	270580	62.700	ug/l	91
78) n-propylbenzene	12.808	91	1419786	61.690	ug/l	99
79) 2-Chlorotoluene	12.897	91	821881	61.849	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	985617	63.467	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	64920	61.769	ug/l	88
82) 4-Chlorotoluene	12.991	91	860866	61.806	ug/l	99
83) tert-Butylbenzene	13.208	119	840402	64.211	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	972757	63.407	ug/l	98
85) sec-Butylbenzene	13.385	105	1222242	61.160	ug/l	99
86) p-Isopropyltoluene	13.502	119	1010658	62.039	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	528959	60.810	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	524935	59.783	ug/l	99
89) n-Butylbenzene	13.826	91	970860	62.548	ug/l	98
90) Hexachloroethane	14.096	117	200714	59.545	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	466313	61.959	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	33542	64.781	ug/l	85
93) 1,2,4-Trichlorobenzene	15.143	180	277886	65.035	ug/l	99
94) Hexachlorobutadiene	15.249	225	137804	57.233	ug/l	99
95) Naphthalene	15.379	128	565429	65.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	250355	66.092	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
Data File : VD073400.D
Acq On : 26 May 2022 20:54
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

Quant Time: May 27 01:34:31 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)
----------	------	------	----------	------	-------	----------

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

