

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074183.D
 Acq On : 23 Aug 2022 11:40
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

Quant Time: Aug 23 12:47:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 12:44:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	173532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	275643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	256812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	130391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	84581	51.585	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.180%			
35) Dibromofluoromethane	7.908	113	91974	51.345	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.680%			
50) Toluene-d8	10.332	98	292925	52.664	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.320%			
62) 4-Bromofluorobenzene	12.620	95	122441	54.506	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	71627	42.734	ug/l	92
3) Chloromethane	2.208	50	53762	29.049	ug/l	97
4) Vinyl Chloride	2.350	62	59447	24.946	ug/l	98
5) Bromomethane	2.767	94	37486	19.790	ug/l	96
6) Chloroethane	2.914	64	38727	19.552	ug/l	95
7) Trichlorofluoromethane	3.267	101	166103	45.195	ug/l	98
8) Diethyl Ether	3.708	74	44955	56.370	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.091	101	100326	50.189	ug/l	97
10) Methyl Iodide	4.291	142	126066	67.715	ug/l	99
11) Tert butyl alcohol	5.232	59	25810	227.120	ug/l #	94
12) 1,1-Dichloroethene	4.061	96	93048	55.741	ug/l	87
13) Acrolein	3.914	56	10224	114.332	ug/l	89
14) Allyl chloride	4.708	41	146787	67.170	ug/l #	94
15) Acrylonitrile	5.414	53	103334	319.551	ug/l	99
16) Acetone	4.155	43	92937	268.040	ug/l	90
17) Carbon Disulfide	4.402	76	296127	67.508	ug/l	99
18) Methyl Acetate	4.720	43	50658	57.657	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	213844	58.902	ug/l	93
20) Methylene Chloride	4.955	84	113417	43.298	ug/l	89
21) trans-1,2-Dichloroethene	5.467	96	110533	60.198	ug/l	89
22) Diisopropyl ether	6.361	45	293175	63.654	ug/l #	91
23) Vinyl Acetate	6.302	43	786859	332.016	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	188755	59.604	ug/l	99
25) 2-Butanone	7.208	43	134380	290.221	ug/l #	90
26) 2,2-Dichloropropane	7.202	77	169155	52.909	ug/l	97
27) cis-1,2-Dichloroethene	7.202	96	120136	56.434	ug/l	91
28) Bromochloromethane	7.543	49	55442	48.956	ug/l #	75
29) Tetrahydrofuran	7.561	42	82675	320.206	ug/l	91
30) Chloroform	7.702	83	200032	55.119	ug/l	100
31) Cyclohexane	7.979	56	172534	63.259	ug/l	89
32) 1,1,1-Trichloroethane	7.896	97	182497	53.745	ug/l	96
36) 1,1-Dichloropropene	8.102	75	154511	60.895	ug/l	96
37) Ethyl Acetate	7.285	43	58194	58.523	ug/l #	91
38) Carbon Tetrachloride	8.090	117	162486	56.660	ug/l	95
39) Methylcyclohexane	9.349	83	185378	65.370	ug/l	95
40) Benzene	8.343	78	423415	59.250	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074183.D
 Acq On : 23 Aug 2022 11:40
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

Quant Time: Aug 23 12:47:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 12:44:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	34590	66.024	ug/l	92
42) 1,2-Dichloroethane	8.414	62	121010	57.035	ug/l	97
43) Isopropyl Acetate	8.449	43	113363	61.536	ug/l #	93
44) Trichloroethene	9.108	130	119869	57.661	ug/l	92
45) 1,2-Dichloropropane	9.379	63	103071	59.731	ug/l	99
46) Dibromomethane	9.467	93	58356	54.521	ug/l	94
47) Bromodichloromethane	9.655	83	149424	54.345	ug/l #	99
48) Methyl methacrylate	9.449	41	57076	66.627	ug/l	88
49) 1,4-Dioxane	9.455	88	13079	1234.277	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	296219	313.568	ug/l	93
52) Toluene	10.396	92	281696	60.481	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	139362	58.791	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	165579	59.867	ug/l	91
55) 1,1,2-Trichloroethane	10.790	97	77048	54.321	ug/l	97
56) Ethyl methacrylate	10.649	69	96703	64.859	ug/l	89
57) 1,3-Dichloropropane	10.937	76	132969	57.908	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	118617	223.688	ug/l	94
59) 2-Hexanone	10.973	43	208041	322.438	ug/l	95
60) Dibromochloromethane	11.126	129	102917	53.709	ug/l	97
61) 1,2-Dibromoethane	11.237	107	77798	55.966	ug/l	99
64) Tetrachloroethene	10.867	164	98499	58.349	ug/l	90
65) Chlorobenzene	11.661	112	290143	55.959	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	107847	53.282	ug/l	99
67) Ethyl Benzene	11.731	91	521345	58.554	ug/l	98
68) m/p-Xylenes	11.843	106	422988	118.251	ug/l	95
69) o-Xylene	12.167	106	194379	59.739	ug/l	93
70) Styrene	12.184	104	333728	58.862	ug/l	97
71) Bromoform	12.349	173	58364	55.591	ug/l #	100
73) Isopropylbenzene	12.467	105	517394	58.837	ug/l	99
74) N-amyl acetate	12.273	43	108954	63.125	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	85730	53.820	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	59826m	49.286	ug/l	
77) Bromobenzene	12.749	156	114236	54.343	ug/l	91
78) n-propylbenzene	12.808	91	627854	57.728	ug/l	97
79) 2-Chlorotoluene	12.896	91	356049	57.491	ug/l	97
80) 1,3,5-Trimethylbenzene	12.943	105	441993	58.949	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	25917	57.523	ug/l	90
82) 4-Chlorotoluene	12.990	91	373631	57.054	ug/l	98
83) tert-Butylbenzene	13.208	119	365705	56.913	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	430141	57.364	ug/l	98
85) sec-Butylbenzene	13.384	105	560121	56.713	ug/l	97
86) p-Isopropyltoluene	13.502	119	474102	57.523	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	235264	52.975	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	231951	52.362	ug/l	99
89) n-Butylbenzene	13.825	91	438764	55.699	ug/l	97
90) Hexachloroethane	14.096	117	87826	51.307	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	200390	50.883	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.484	75	13932	51.669	ug/l	91
93) 1,2,4-Trichlorobenzene	15.137	180	123885	49.898	ug/l	99
94) Hexachlorobutadiene	15.243	225	68911	46.962	ug/l	98
95) Naphthalene	15.378	128	233806	54.690	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	106304	48.594	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
Data File : VD074183.D
Acq On : 23 Aug 2022 11:40
Operator : VA/SY
Sample : VSTDICCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

Quant Time: Aug 23 12:47:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 23 12:44:46 2022
Response via : Initial Calibration

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

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

