

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076926.D
 Acq On : 07 Aug 2023 11:32
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/08/2023
 Supervised By :Mahesh Dadoda 08/08/2023

Quant Time: Aug 08 04:38:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	171026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	287166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	267255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	139600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86218	50.613	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.220%			
35) Dibromofluoromethane	7.805	113	105986	58.732	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.460%			
50) Toluene-d8	10.269	98	339511	52.591	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.180%			
62) 4-Bromofluorobenzene	12.575	95	121118	57.996	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	61235	45.787	ug/l	99
3) Chloromethane	2.146	50	96501	41.829	ug/l	98
4) Vinyl Chloride	2.281	62	141314	45.950	ug/l	100
5) Bromomethane	2.681	94	114245	45.150	ug/l	99
6) Chloroethane	2.828	64	110729	47.688	ug/l	98
7) Trichlorofluoromethane	3.164	101	151776	55.464	ug/l	97
8) Diethyl Ether	3.593	74	47357	50.264	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.958	101	102238	56.837	ug/l	98
10) Methyl Iodide	4.158	142	105127	51.845	ug/l	92
11) Tert butyl alcohol	5.058	59	33665	264.838	ug/l #	91
12) 1,1-Dichloroethene	3.934	96	85314	50.482	ug/l	91
13) Acrolein	3.793	56	17922	206.893	ug/l	98
14) Allyl chloride	4.558	41	106461	47.954	ug/l	93
15) Acrylonitrile	5.252	53	122012	263.670	ug/l	99
16) Acetone	4.022	43	108956	267.820	ug/l #	85
17) Carbon Disulfide	4.264	76	161277	40.859	ug/l	98
18) Methyl Acetate	4.564	43	80657	52.769	ug/l	95
19) Methyl tert-butyl Ether	5.317	73	243880	53.812	ug/l	100
20) Methylene Chloride	4.793	84	131305	55.293	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	97593	49.680	ug/l	97
22) Diisopropyl ether	6.216	45	283477	53.922	ug/l	94
23) Vinyl Acetate	6.152	43	685848m	263.671	ug/l	
24) 1,1-Dichloroethane	6.111	63	191719	54.088	ug/l	96
25) 2-Butanone	7.081	43	148195	272.180	ug/l #	83
26) 2,2-Dichloropropane	7.075	77	169343	55.423	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	131512	54.306	ug/l	98
28) Bromochloromethane	7.428	49	40547	45.755	ug/l	89
29) Tetrahydrofuran	7.446	42	83600	259.873	ug/l	95
30) Chloroform	7.593	83	220679	56.843	ug/l	93
31) Cyclohexane	7.875	56	115080	45.904	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	179328	57.252	ug/l	99
36) 1,1-Dichloropropene	8.005	75	135259	57.360	ug/l	99
37) Ethyl Acetate	7.169	43	60778	57.634	ug/l	98
38) Carbon Tetrachloride	7.993	117	148043	65.566	ug/l	98
39) Methylcyclohexane	9.269	83	148675	54.604	ug/l	98
40) Benzene	8.252	78	424033	56.991	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076926.D
 Acq On : 07 Aug 2023 11:32
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/08/2023
 Supervised By :Mahesh Dadoda 08/08/2023

Quant Time: Aug 08 04:38:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	30129	46.786	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	114851	59.409	ug/l	96
43) Isopropyl Acetate	8.358	43	117708	57.193	ug/l	94
44) Trichloroethene	9.028	130	116078	57.252	ug/l	95
45) 1,2-Dichloropropane	9.305	63	114268	59.496	ug/l	98
46) Dibromomethane	9.393	93	69006	61.382	ug/l	92
47) Bromodichloromethane	9.587	83	171163	60.671	ug/l	99
48) Methyl methacrylate	9.381	41	51235	54.697	ug/l	87
49) 1,4-Dioxane	9.387	88	17377	1206.440	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	320197	292.208	ug/l	95
52) Toluene	10.334	92	280434	57.388	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	152632	58.288	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	181231	58.725	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	100297	61.096	ug/l	97
56) Ethyl methacrylate	10.599	69	111401	58.794	ug/l	91
57) 1,3-Dichloropropane	10.881	76	160634	60.085	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	196183	267.489	ug/l	98
59) 2-Hexanone	10.922	43	228212	291.873	ug/l	94
60) Dibromochloromethane	11.075	129	123232	64.618	ug/l	99
61) 1,2-Dibromoethane	11.181	107	91084	59.845	ug/l	100
64) Tetrachloroethene	10.810	164	91808	60.244	ug/l	96
65) Chlorobenzene	11.604	112	321807	59.870	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	126663	63.295	ug/l	97
67) Ethyl Benzene	11.687	91	560435	59.370	ug/l	99
68) m/p-Xylenes	11.793	106	441509	121.783	ug/l	93
69) o-Xylene	12.122	106	211391	60.297	ug/l	94
70) Styrene	12.134	104	372564	60.707	ug/l	98
71) Bromoform	12.299	173	71964	65.660	ug/l #	100
73) Isopropylbenzene	12.422	105	563603	55.647	ug/l	96
74) N-amyl acetate	12.234	43	113412	53.152	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	120738	55.522	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	78447m	59.090	ug/l	
77) Bromobenzene	12.698	156	130741	55.924	ug/l	90
78) n-propylbenzene	12.763	91	693412	56.473	ug/l	96
79) 2-Chlorotoluene	12.851	91	374567	55.636	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	458654	56.004	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	36945	59.227	ug/l	96
82) 4-Chlorotoluene	12.946	91	381307	54.214	ug/l	97
83) tert-Butylbenzene	13.169	119	417942	57.960	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	465799	55.658	ug/l	97
85) sec-Butylbenzene	13.345	105	639357	58.034	ug/l	96
86) p-Isopropyltoluene	13.463	119	524327	57.628	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	275815	57.359	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	273799	58.117	ug/l	99
89) n-Butylbenzene	13.787	91	504329	56.645	ug/l	97
90) Hexachloroethane	14.051	117	101274	60.206	ug/l	90
91) 1,2-Dichlorobenzene	13.834	146	243116	57.377	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	16746	54.009	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	149544	57.811	ug/l	98
94) Hexachlorobutadiene	15.204	225	73214	58.849	ug/l	98
95) Naphthalene	15.334	128	314564	56.162	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	133819	57.647	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
Data File : VD076926.D
Acq On : 07 Aug 2023 11:32
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023

Quant Time: Aug 08 04:38:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

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

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

