

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074841.D
 Acq On : 09 Nov 2022 22:08
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/10/2022
 Supervised By :Mahesh Dadoda 11/10/2022

Quant Time: Nov 10 00:38:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	177227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	296104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	270648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	126728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	71523	50.954	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.900%			
35) Dibromofluoromethane	7.805	113	86940	49.635	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.280%			
50) Toluene-d8	10.269	98	320373	50.143	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.280%			
62) 4-Bromofluorobenzene	12.575	95	102041	55.314	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.929	85	68751	47.233	ug/l	97
3) Chloromethane	2.146	50	111339	47.933	ug/l	93
4) Vinyl Chloride	2.281	62	134643	52.858	ug/l	98
5) Bromomethane	2.687	94	107629	55.766	ug/l	98
6) Chloroethane	2.834	64	96438	54.622	ug/l	98
7) Trichlorofluoromethane	3.176	101	164743	55.669	ug/l	99
8) Diethyl Ether	3.593	74	51079	59.084	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.964	101	106550	56.680	ug/l	99
10) Methyl Iodide	4.164	142	134710	54.666	ug/l	100
11) Tert butyl alcohol	5.064	59	26525	153.813	ug/l #	92
12) 1,1-Dichloroethene	3.940	96	106940	56.010	ug/l	93
13) Acrolein	3.799	56	21399	221.506	ug/l	95
14) Allyl chloride	4.564	41	114886	56.870	ug/l	99
15) Acrylonitrile	5.252	53	100207	293.329	ug/l	98
16) Acetone	4.017	43	71300	243.410	ug/l	99
17) Carbon Disulfide	4.270	76	302383	52.520	ug/l	99
18) Methyl Acetate	4.564	43	45375	51.225	ug/l	96
19) Methyl tert-butyl Ether	5.317	73	227220	62.576	ug/l	99
20) Methylene Chloride	4.799	84	140693	58.203	ug/l	93
21) trans-1,2-Dichloroethene	5.317	96	121998	58.137	ug/l	93
22) Diisopropyl ether	6.217	45	254285	60.988	ug/l	95
23) Vinyl Acetate	6.158	43	564436	318.401	ug/l	97
24) 1,1-Dichloroethane	6.117	63	183381	57.503	ug/l	98
25) 2-Butanone	7.081	43	97141	241.191	ug/l	94
26) 2,2-Dichloropropane	7.081	77	147131	50.140	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	120594	52.097	ug/l	100
28) Bromochloromethane	7.428	49	53854	53.512	ug/l	97
29) Tetrahydrofuran	7.446	42	60987	264.034	ug/l	98
30) Chloroform	7.599	83	183120	53.750	ug/l	100
31) Cyclohexane	7.881	56	134481	47.321	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	157958	52.483	ug/l	98
36) 1,1-Dichloropropene	8.011	75	134949	50.758	ug/l	100
37) Ethyl Acetate	7.169	43	45399	51.188	ug/l	96
38) Carbon Tetrachloride	7.993	117	122813	48.757	ug/l	94
39) Methylcyclohexane	9.275	83	166794	51.564	ug/l	96
40) Benzene	8.252	78	406149	51.684	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	27760	52.872	ug/l	90
42) 1,2-Dichloroethane	8.322	62	98062	54.280	ug/l	99
43) Isopropyl Acetate	8.358	43	87338	52.923	ug/l	98
44) Trichloroethene	9.028	130	116214	51.907	ug/l	100
45) 1,2-Dichloropropane	9.305	63	95089	54.712	ug/l	90
46) Dibromomethane	9.393	93	55381	54.987	ug/l	97
47) Bromodichloromethane	9.587	83	135200	55.757	ug/l	95
48) Methyl methacrylate	9.381	41	41324	56.193	ug/l	93
49) 1,4-Dioxane	9.387	88	11534	1135.556	ug/l	92
51) 4-Methyl-2-Pentanone	10.158	43	225126	281.309	ug/l	99
52) Toluene	10.334	92	268699	55.846	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	122927	57.319	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	152692	56.740	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	77268	56.471	ug/l	97
56) Ethyl methacrylate	10.599	69	90653	59.258	ug/l	96
57) 1,3-Dichloropropane	10.881	76	124581	56.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	140331	338.171	ug/l	98
59) 2-Hexanone	10.922	43	150064	272.593	ug/l	98
60) Dibromochloromethane	11.075	129	94954	58.130	ug/l	98
61) 1,2-Dibromoethane	11.181	107	74810	58.017	ug/l	100
64) Tetrachloroethene	10.810	164	98607	51.575	ug/l	95
65) Chlorobenzene	11.604	112	283346	52.864	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	100650	55.348	ug/l	98
67) Ethyl Benzene	11.681	91	506141	53.288	ug/l	97
68) m/p-Xylenes	11.793	106	411989	109.256	ug/l	99
69) o-Xylene	12.122	106	190182	54.860	ug/l	97
70) Styrene	12.134	104	321600	54.757	ug/l	99
71) Bromoform	12.299	173	53966	55.415	ug/l #	97
73) Isopropylbenzene	12.422	105	492768	53.222	ug/l	99
74) N-amyl acetate	12.234	43	81016	53.872	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	82702	53.158	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	53143m	54.095	ug/l	
77) Bromobenzene	12.699	156	114869	53.881	ug/l	96
78) n-propylbenzene	12.763	91	582894	52.552	ug/l	100
79) 2-Chlorotoluene	12.846	91	317832	53.216	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	401382	53.136	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	23472	56.715	ug/l	93
82) 4-Chlorotoluene	12.946	91	324672	52.265	ug/l	98
83) tert-Butylbenzene	13.163	119	347428	52.190	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	411302	55.182	ug/l	99
85) sec-Butylbenzene	13.346	105	512731	51.053	ug/l	100
86) p-Isopropyltoluene	13.457	119	429864	50.821	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	225943	51.114	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	219977	50.621	ug/l	99
89) n-Butylbenzene	13.787	91	393723	50.896	ug/l	99
90) Hexachloroethane	14.051	117	75566	52.109	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	193824	51.479	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11399	53.004	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	120535	51.849	ug/l	98
94) Hexachlorobutadiene	15.204	225	60202	49.503	ug/l	98
95) Naphthalene	15.328	128	241940	54.183	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	105178	51.417	ug/l	97

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

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