

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
 Data File : VD071518.D
 Acq On : 29 Dec 2021 09:30
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 29 15:23:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/01/2022
 Supervised By :Semsettin Yesilyurt 01/01/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	331458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	562362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	517395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	252771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	224157	50.921	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.840%			
35) Dibromofluoromethane	7.909	113	202554	53.593	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.180%			
50) Toluene-d8	10.332	98	747170	52.312	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.620%			
62) 4-Bromofluorobenzene	12.626	95	271150	53.424	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	159509	45.926	ug/l	95
3) Chloromethane	2.209	50	200302	45.040	ug/l	99
4) Vinyl Chloride	2.356	62	227993	42.780	ug/l	97
5) Bromomethane	2.773	94	159325	42.734	ug/l	99
6) Chloroethane	2.926	64	163457	46.215	ug/l	89
7) Trichlorofluoromethane	3.273	101	321775	49.319	ug/l	99
8) Diethyl Ether	3.709	74	91206	48.831	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.103	101	190485	50.184	ug/l	96
10) Methyl Iodide	4.303	142	178324	48.310	ug/l	96
11) Tert butyl alcohol	5.209	59	71620	208.030	ug/l #	82
12) 1,1-Dichloroethene	4.073	96	173503	50.243	ug/l	87
13) Acrolein	3.920	56	44401	208.800	ug/l	98
14) Allyl chloride	4.720	41	330526	50.604	ug/l #	79
15) Acrylonitrile	5.420	53	227076	246.868	ug/l	95
16) Acetone	4.156	43	317064	286.754	ug/l #	86
17) Carbon Disulfide	4.415	76	473464	42.080	ug/l	98
18) Methyl Acetate	4.715	43	157987	46.293	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	451827	50.685	ug/l	97
20) Methylene Chloride	4.962	84	216191	51.871	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	193647	48.415	ug/l	87
22) Diisopropyl ether	6.362	45	708580	53.290	ug/l	95
23) Vinyl Acetate	6.303	43	1760482	256.832	ug/l	97
24) 1,1-Dichloroethane	6.262	63	398112	52.226	ug/l	98
25) 2-Butanone	7.209	43	338852	256.568	ug/l #	88
26) 2,2-Dichloropropane	7.209	77	338840	54.099	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	229065	51.778	ug/l	90
28) Bromochloromethane	7.544	49	146422	46.874	ug/l	90
29) Tetrahydrofuran	7.561	42	189096	238.466	ug/l	94
30) Chloroform	7.708	83	403169	52.418	ug/l	99
31) Cyclohexane	7.985	56	333746	44.631	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	355894	52.173	ug/l #	93
36) 1,1-Dichloropropene	8.108	75	297789	49.317	ug/l	98
37) Ethyl Acetate	7.291	43	135396	48.569	ug/l #	91
38) Carbon Tetrachloride	8.097	117	310177	52.067	ug/l	96
39) Methylcyclohexane	9.355	83	327213	46.292	ug/l	96
40) Benzene	8.344	78	824468	50.791	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	93402	56.408	ug/l #	73
42) 1,2-Dichloroethane	8.420	62	269950	50.999	ug/l	93
43) Isopropyl Acetate	8.450	43	270641	48.921	ug/l #	89
44) Trichloroethene	9.108	130	212448	50.223	ug/l	96
45) 1,2-Dichloropropane	9.379	63	218571	51.891	ug/l	99
46) Dibromomethane	9.473	93	116820	50.200	ug/l	94
47) Bromodichloromethane	9.655	83	311649	52.748	ug/l	98
48) Methyl methacrylate	9.450	41	139831	51.078	ug/l #	81
49) 1,4-Dioxane	9.455	88	22730	864.359	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	727054	249.800	ug/l	90
52) Toluene	10.397	92	529339	51.335	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	288044	52.209	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	333975	52.385	ug/l #	80
55) 1,1,2-Trichloroethane	10.797	97	156156	52.866	ug/l	97
56) Ethyl methacrylate	10.655	69	201898	51.942	ug/l #	74
57) 1,3-Dichloropropane	10.938	76	278312	51.439	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	439416	235.998	ug/l	100
59) 2-Hexanone	10.979	43	544223	264.530	ug/l	88
60) Dibromochloromethane	11.132	129	199213	53.651	ug/l	98
61) 1,2-Dibromoethane	11.238	107	150647	51.492	ug/l	99
64) Tetrachloroethene	10.867	164	177014	49.233	ug/l	96
65) Chlorobenzene	11.661	112	558331	52.608	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	207315	53.471	ug/l	99
67) Ethyl Benzene	11.738	91	1054798	53.404	ug/l	98
68) m/p-Xylenes	11.844	106	807211	107.572	ug/l	96
69) o-Xylene	12.173	106	380516	55.476	ug/l	97
70) Styrene	12.185	104	651434	54.670	ug/l	96
71) Bromoform	12.349	173	111825	53.300	ug/l #	100
73) Isopropylbenzene	12.473	105	1024475	52.571	ug/l	99
74) N-amyl acetate	12.279	43	256504	49.060	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	177672	50.429	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	147059m	48.965	ug/l	
77) Bromobenzene	12.749	156	219615	50.645	ug/l	97
78) n-propylbenzene	12.808	91	1278830	52.354	ug/l	99
79) 2-Chlorotoluene	12.896	91	718612	52.642	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	857960	53.376	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	49038	46.134	ug/l #	72
82) 4-Chlorotoluene	12.996	91	740423	52.290	ug/l	100
83) tert-Butylbenzene	13.214	119	732537	53.333	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	849110	53.375	ug/l	98
85) sec-Butylbenzene	13.391	105	1121127	53.541	ug/l	100
86) p-Isopropyltoluene	13.508	119	932468	53.669	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	450532	51.589	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	442486	51.673	ug/l	99
89) n-Butylbenzene	13.832	91	904994	53.070	ug/l	99
90) Hexachloroethane	14.096	117	176878	53.741	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	382954	51.669	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	29858	48.868	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	235132	52.059	ug/l	97
94) Hexachlorobutadiene	15.249	225	131440	54.324	ug/l	98
95) Naphthalene	15.385	128	428692	49.865	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	202687	51.884	ug/l	98

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

