

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
 Data File : VD070946.D
 Acq On : 09 Nov 2021 11:00
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

Quant Time: Nov 10 03:41:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:40:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	415881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	733564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	658566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	294591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	86330	19.497	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.000%	#	
35) Dibromofluoromethane	7.914	113	82102	19.834	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.660%	#	
50) Toluene-d8	10.338	98	329876	20.349	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	40.700%	#	
62) 4-Bromofluorobenzene	12.620	95	115057	19.712	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	39.420%	#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	69819	19.650	ug/l	99
3) Chloromethane	2.209	50	79809	18.876	ug/l	97
4) Vinyl Chloride	2.350	62	74948	18.432	ug/l	96
5) Bromomethane	2.750	94	50855	18.349	ug/l	86
6) Chloroethane	2.915	64	46322	17.737	ug/l	92
7) Trichlorofluoromethane	3.273	101	115410	17.636	ug/l	99
8) Diethyl Ether	3.709	74	37616	17.368	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.097	101	72079	17.868	ug/l	96
10) Methyl Iodide	4.303	142	63640	16.079	ug/l	98
11) Tert butyl alcohol	5.220	59	27838	86.025	ug/l #	71
12) 1,1-Dichloroethene	4.067	96	68894	17.445	ug/l	86
13) Acrolein	3.926	56	12501	112.337	ug/l	99
14) Allyl chloride	4.714	41	141346	17.183	ug/l #	87
15) Acrylonitrile	5.414	53	86012	82.995	ug/l	97
16) Acetone	4.162	43	73908	66.589	ug/l	92
17) Carbon Disulfide	4.409	76	226680	17.777	ug/l	100
18) Methyl Acetate	4.714	43	63988	16.844	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	172777	16.948	ug/l	98
20) Methylene Chloride	4.961	84	93257	16.855	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	80048	17.685	ug/l	92
22) Diisopropyl ether	6.361	45	277404	16.964	ug/l	93
23) Vinyl Acetate	6.303	43	645852	82.249	ug/l	96
24) 1,1-Dichloroethane	6.261	63	151521	17.348	ug/l	99
25) 2-Butanone	7.208	43	109698	78.040	ug/l	90
26) 2,2-Dichloropropane	7.203	77	126737	17.193	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	88078	17.022	ug/l	93
28) Bromochloromethane	7.544	49	71005	19.166	ug/l	88
29) Tetrahydrofuran	7.561	42	73640	81.852	ug/l	94
30) Chloroform	7.708	83	142118	17.114	ug/l	99
31) Cyclohexane	7.985	56	159257	17.489	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	120487	16.893	ug/l	95
36) 1,1-Dichloropropene	8.108	75	114431	17.471	ug/l	99
37) Ethyl Acetate	7.291	43	52725	17.645	ug/l #	89
38) Carbon Tetrachloride	8.097	117	102326	16.965	ug/l	95
39) Methylcyclohexane	9.355	83	149081	17.624	ug/l	95
40) Benzene	8.350	78	318561	17.271	ug/l	97

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41) Methacrylonitrile	7.514	41	29500	19.996	ug/l #	80
42) 1,2-Dichloroethane	8.420	62	86750	16.605	ug/l	96
43) Isopropyl Acetate	8.450	43	105152	16.627	ug/l	91
44) Trichloroethene	9.108	130	81425	17.127	ug/l	94
45) 1,2-Dichloropropane	9.385	63	85967	17.234	ug/l	94
46) Dibromomethane	9.473	93	40921	17.235	ug/l	95
47) Bromodichloromethane	9.655	83	104723	16.675	ug/l	95
48) Methyl methacrylate	9.449	41	52048	16.777	ug/l	87
49) 1,4-Dioxane	9.455	88	9431	342.820	ug/l #	85
51) 4-Methyl-2-Pentanone	10.220	43	257624	84.027	ug/l	91
52) Toluene	10.396	92	204590	17.596	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	107161	16.921	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	126565	16.948	ug/l #	82
55) 1,1,2-Trichloroethane	10.791	97	57155	17.515	ug/l	95
56) Ethyl methacrylate	10.655	69	76599	16.590	ug/l #	80
57) 1,3-Dichloropropane	10.938	76	100082	16.888	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	227582	94.811	ug/l	100
59) 2-Hexanone	10.979	43	179516	80.399	ug/l	91
60) Dibromochloromethane	11.132	129	65963	16.850	ug/l	98
61) 1,2-Dibromoethane	11.238	107	52940	16.678	ug/l	99
64) Tetrachloroethene	10.873	164	67795	17.654	ug/l	95
65) Chlorobenzene	11.661	112	205223	17.465	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	72260	17.326	ug/l	98
67) Ethyl Benzene	11.738	91	393642	17.690	ug/l	99
68) m/p-Xylenes	11.843	106	290878	34.975	ug/l	97
69) o-Xylene	12.173	106	139283	17.607	ug/l	99
70) Styrene	12.185	104	232242	17.339	ug/l	97
71) Bromoform	12.349	173	37398	17.195	ug/l #	100
73) Isopropylbenzene	12.467	105	367485	17.316	ug/l	100
74) N-amyl acetate	12.279	43	101779	16.787	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	62882	17.214	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	39077m	43.846	ug/l	
77) Bromobenzene	12.749	156	80116	17.668	ug/l	97
78) n-propylbenzene	12.808	91	454659	17.290	ug/l	100
79) 2-Chlorotoluene	12.896	91	255714	17.054	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	303166	17.350	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	19594	16.320	ug/l	87
82) 4-Chlorotoluene	12.990	91	265286	17.143	ug/l	100
83) tert-Butylbenzene	13.214	119	262951	17.469	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	297627	17.392	ug/l	100
85) sec-Butylbenzene	13.390	105	394616	17.438	ug/l	98
86) p-Isopropyltoluene	13.502	119	314181	17.290	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	155431	17.531	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	155081	17.470	ug/l	97
89) n-Butylbenzene	13.832	91	318894	17.462	ug/l	99
90) Hexachloroethane	14.096	117	62285	17.321	ug/l	91
91) 1,2-Dichlorobenzene	13.873	146	132217	17.210	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	10178	16.989	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	83835	17.056	ug/l	99
94) Hexachlorobutadiene	15.249	225	44020	17.758	ug/l	100
95) Naphthalene	15.384	128	157240	16.754	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	72068	17.438	ug/l	99

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

