

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122721\
 Data File : VD071478.D
 Acq On : 27 Dec 2021 10:02
 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 27 16:46:02 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 :Semsettin Yesilyurt 12/28/2021
 Supervised By :Mahesh Dadoda 12/28/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	394943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	668112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	606765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	283983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	242649	46.261	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.520%		
35) Dibromofluoromethane	7.908	113	223982	49.882	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.760%		
50) Toluene-d8	10.331	98	834687	49.190	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.380%		
62) 4-Bromofluorobenzene	12.620	95	294041	48.765	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.520%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	184555	44.596	ug/l	97
3) Chloromethane	2.214	50	213316	40.256	ug/l	97
4) Vinyl Chloride	2.355	62	251146	39.549	ug/l	97
5) Bromomethane	2.779	94	182678	41.121	ug/l	98
6) Chloroethane	2.926	64	172029	40.820	ug/l	94
7) Trichlorofluoromethane	3.279	101	382118	49.154	ug/l	94
8) Diethyl Ether	3.714	74	104515	46.961	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.102	101	224238	49.580	ug/l	96
10) Methyl Iodide	4.302	142	243459	55.353	ug/l	95
11) Tert butyl alcohol	5.214	59	70936	161.988	ug/l	95
12) 1,1-Dichloroethene	4.073	96	204903	49.798	ug/l	84
13) Acrolein	3.914	56	66582	262.778	ug/l	100
14) Allyl chloride	4.714	41	391474	50.301	ug/l #	79
15) Acrylonitrile	5.414	53	248526	226.756	ug/l	96
16) Acetone	4.149	43	330885	251.150	ug/l	89
17) Carbon Disulfide	4.414	76	557250	41.565	ug/l	98
18) Methyl Acetate	4.708	43	176055	43.295	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	514562	48.444	ug/l	97
20) Methylene Chloride	4.961	84	245812	49.143	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	229668	48.191	ug/l	86
22) Diisopropyl ether	6.361	45	806872	50.928	ug/l	94
23) Vinyl Acetate	6.302	43	1998545	244.695	ug/l	98
24) 1,1-Dichloroethane	6.261	63	457906	50.415	ug/l	99
25) 2-Butanone	7.208	43	351257	223.209	ug/l	91
26) 2,2-Dichloropropane	7.208	77	401589	53.811	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	266697	50.594	ug/l	91
28) Bromochloromethane	7.543	49	173978	46.743	ug/l	91
29) Tetrahydrofuran	7.555	42	211137	223.461	ug/l	94
30) Chloroform	7.702	83	470911	51.383	ug/l	98
31) Cyclohexane	7.985	56	396926	44.547	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	419402	51.600	ug/l	94
36) 1,1-Dichloropropene	8.108	75	356583	49.706	ug/l	97
37) Ethyl Acetate	7.285	43	149487	45.136	ug/l #	92
38) Carbon Tetrachloride	8.096	117	368031	52.000	ug/l	99
39) Methylcyclohexane	9.349	83	393133	46.815	ug/l	98
40) Benzene	8.349	78	952546	49.393	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	93209	47.382	ug/l #	80
42) 1,2-Dichloroethane	8.420	62	303870	48.321	ug/l	95
43) Isopropyl Acetate	8.443	43	304034	46.259	ug/l #	89
44) Trichloroethene	9.108	130	252965	50.336	ug/l	93
45) 1,2-Dichloropropane	9.379	63	252178	50.393	ug/l	99
46) Dibromomethane	9.473	93	131181	47.449	ug/l	95
47) Bromodichloromethane	9.655	83	352151	50.169	ug/l	97
48) Methyl methacrylate	9.449	41	152645	46.933	ug/l #	77
49) 1,4-Dioxane	9.455	88	24729	791.531	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	774773	224.061	ug/l	90
52) Toluene	10.396	92	619209	50.545	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	329985	50.344	ug/l	98
54) cis-1,3-Dichloropropene	10.084	75	385253	50.864	ug/l #	79
55) 1,1,2-Trichloroethane	10.790	97	173849	49.540	ug/l	95
56) Ethyl methacrylate	10.655	69	226604	49.070	ug/l #	74
57) 1,3-Dichloropropane	10.937	76	306957	47.753	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.937	63	544197	246.012	ug/l	99
59) 2-Hexanone	10.978	43	583981	238.926	ug/l	88
60) Dibromochloromethane	11.131	129	224080	50.796	ug/l	98
61) 1,2-Dibromoethane	11.237	107	163992	47.181	ug/l	98
64) Tetrachloroethene	10.867	164	206302	48.927	ug/l	97
65) Chlorobenzene	11.661	112	629580	50.584	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.737	131	238374	52.426	ug/l	98
67) Ethyl Benzene	11.737	91	1210929	52.279	ug/l	97
68) m/p-Xylenes	11.843	106	913492	103.805	ug/l	94
69) o-Xylene	12.173	106	435277	54.113	ug/l	97
70) Styrene	12.184	104	735428	52.629	ug/l	97
71) Bromoform	12.349	173	118261	48.065	ug/l #	99
73) Isopropylbenzene	12.467	105	1172291	53.544	ug/l	99
74) N-amyl acetate	12.278	43	284834	48.491	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	191068	48.270	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	132870m	39.378	ug/l	
77) Bromobenzene	12.749	156	252276	51.782	ug/l	98
78) n-propylbenzene	12.808	91	1451947	52.908	ug/l	100
79) 2-Chlorotoluene	12.896	91	804333	52.445	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	970202	53.725	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	56867	47.620	ug/l #	76
82) 4-Chlorotoluene	12.996	91	824325	51.817	ug/l	99
83) tert-Butylbenzene	13.214	119	832468	53.947	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	957781	53.589	ug/l	98
85) sec-Butylbenzene	13.390	105	1260308	53.573	ug/l	99
86) p-Isopropyltoluene	13.502	119	1032895	52.916	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	499701	50.930	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	481796	50.080	ug/l	97
89) n-Butylbenzene	13.831	91	1019851	53.232	ug/l	99
90) Hexachloroethane	14.096	117	194052	52.479	ug/l	94
91) 1,2-Dichlorobenzene	13.878	146	428463	51.455	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	31036	45.213	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	262707	51.772	ug/l	97
94) Hexachlorobutadiene	15.255	225	138217	50.846	ug/l	96
95) Naphthalene	15.384	128	466197	48.267	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	217398	49.533	ug/l	99

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

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