

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112921\
 Data File : VD071078.D
 Acq On : 29 Nov 2021 18:56
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD112921

Quant Time: Nov 30 09:58:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/01/2021
 Supervised By :Semsettin Yesilyurt 12/01/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	300482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	511898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	454778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	209088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	163343	46.328	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.660%		
35) Dibromofluoromethane	7.914	113	162053	49.714	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.420%		
50) Toluene-d8	10.338	98	591116	47.652	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.300%		
62) 4-Bromofluorobenzene	12.626	95	205032	47.682	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	123949	48.372	ug/l	100
3) Chloromethane	2.214	50	173345	51.135	ug/l	97
4) Vinyl Chloride	2.356	62	194445	51.412	ug/l	100
5) Bromomethane	2.779	94	145219	53.264	ug/l	92
6) Chloroethane	2.926	64	133122	51.176	ug/l	93
7) Trichlorofluoromethane	3.285	101	267823	52.274	ug/l	99
8) Diethyl Ether	3.714	74	75283	54.201	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	160219	53.005	ug/l	96
10) Methyl Iodide	4.303	142	154445	44.504	ug/l	95
11) Tert butyl alcohol	5.197	59	64763	294.835	ug/l #	94
12) 1,1-Dichloroethene	4.073	96	144167	51.682	ug/l	85
13) Acrolein	3.926	56	56689	235.281	ug/l	97
14) Allyl chloride	4.720	41	286923	54.152	ug/l #	82
15) Acrylonitrile	5.420	53	191455	283.429	ug/l	96
16) Acetone	4.156	43	237601	253.318	ug/l	88
17) Carbon Disulfide	4.420	76	427379	52.329	ug/l	98
18) Methyl Acetate	4.714	43	148615	57.129	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	380762	55.697	ug/l	98
20) Methylene Chloride	4.967	84	194085	54.965	ug/l #	86
21) trans-1,2-Dichloroethene	5.473	96	171299	54.553	ug/l	93
22) Diisopropyl ether	6.367	45	598524	56.381	ug/l	95
23) Vinyl Acetate	6.308	43	1416782	247.146	ug/l	96
24) 1,1-Dichloroethane	6.267	63	340535	55.772	ug/l	99
25) 2-Butanone	7.208	43	272173	251.512	ug/l #	85
26) 2,2-Dichloropropane	7.208	77	291305	52.466	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	200634	56.478	ug/l	94
28) Bromochloromethane	7.549	49	145861	55.000	ug/l	90
29) Tetrahydrofuran	7.561	42	156687	279.866	ug/l	94
30) Chloroform	7.708	83	347481	56.705	ug/l	97
31) Cyclohexane	7.985	56	297459	49.598	ug/l	99
32) 1,1,1-Trichloroethane	7.902	97	304019	55.259	ug/l	95
36) 1,1-Dichloropropene	8.114	75	255908	53.489	ug/l	98
37) Ethyl Acetate	7.291	43	110298	53.370	ug/l #	92
38) Carbon Tetrachloride	8.097	117	249213	52.842	ug/l	97
39) Methylcyclohexane	9.355	83	297865	51.762	ug/l	98
40) Benzene	8.349	78	706691	54.379	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	71574	66.447	ug/l #	75
42) 1,2-Dichloroethane	8.426	62	222287	56.036	ug/l	93
43) Isopropyl Acetate	8.449	43	226646	49.857	ug/l #	90
44) Trichloroethene	9.114	130	186319	53.772	ug/l	94
45) 1,2-Dichloropropane	9.385	63	186977	54.710	ug/l	99
46) Dibromomethane	9.473	93	94659	53.386	ug/l	96
47) Bromodichloromethane	9.661	83	259643	55.370	ug/l	98
48) Methyl methacrylate	9.455	41	111468	55.102	ug/l #	80
49) 1,4-Dioxane	9.455	88	17331	1012.556	ug/l	90
51) 4-Methyl-2-Pentanone	10.226	43	575682	247.392	ug/l	90
52) Toluene	10.396	92	451011	54.697	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	234657	54.428	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	281657	54.999	ug/l #	83
55) 1,1,2-Trichloroethane	10.796	97	127935	55.000	ug/l	96
56) Ethyl methacrylate	10.655	69	166116	49.654	ug/l #	76
57) 1,3-Dichloropropane	10.943	76	232749	56.959	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	401630	253.739	ug/l	100
59) 2-Hexanone	10.979	43	423506	242.399	ug/l	88
60) Dibromochloromethane	11.138	129	162953	56.366	ug/l	100
61) 1,2-Dibromoethane	11.238	107	124094	55.549	ug/l	100
64) Tetrachloroethene	10.873	164	155105	53.723	ug/l	97
65) Chlorobenzene	11.667	112	468558	55.529	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.737	131	170993	55.500	ug/l	99
67) Ethyl Benzene	11.737	91	889854	56.019	ug/l	99
68) m/p-Xylenes	11.849	106	657438	109.626	ug/l	94
69) o-Xylene	12.173	106	311023	55.180	ug/l	96
70) Styrene	12.190	104	530704	55.866	ug/l	97
71) Bromoform	12.349	173	92279	57.815	ug/l #	99
73) Isopropylbenzene	12.473	105	842180	55.627	ug/l	100
74) N-amyl acetate	12.279	43	201783	48.831	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.726	83	138156	55.413	ug/l	96
76) 1,2,3-Trichloropropane	12.779	75	103413m	51.912	ug/l	
77) Bromobenzene	12.755	156	181337	55.298	ug/l	98
78) n-propylbenzene	12.814	91	1041596	55.245	ug/l	100
79) 2-Chlorotoluene	12.902	91	582620	55.058	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	692142	55.440	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	42248	49.649	ug/l #	80
82) 4-Chlorotoluene	12.996	91	602088	54.806	ug/l	99
83) tert-Butylbenzene	13.214	119	607025	56.617	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	681511	55.914	ug/l	99
85) sec-Butylbenzene	13.390	105	908061	55.452	ug/l	99
86) p-Isopropyltoluene	13.508	119	741637	55.372	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	365003	55.915	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	360317	55.713	ug/l	99
89) n-Butylbenzene	13.831	91	731176	55.923	ug/l	98
90) Hexachloroethane	14.102	117	140356	55.280	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	309010	55.664	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	22958	56.544	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	194729	56.236	ug/l	99
94) Hexachlorobutadiene	15.255	225	106956	54.591	ug/l	99
95) Naphthalene	15.384	128	352076	57.677	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	165754	56.359	ug/l	98

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

