

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111021\
 Data File : VD070963.D
 Acq On : 10 Nov 2021 10:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 11 06:26:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	351453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	601879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	538353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	244094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	183686	49.088	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.180%		
35) Dibromofluoromethane	7.908	113	172526	50.798	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.600%		
50) Toluene-d8	10.332	98	670814	50.435	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.860%		
62) 4-Bromofluorobenzene	12.620	95	234492	48.964	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.920%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	151580	50.481	ug/l	96
3) Chloromethane	2.209	50	186545	52.209	ug/l	99
4) Vinyl Chloride	2.344	62	201071	58.513	ug/l	100
5) Bromomethane	2.762	94	123668	52.800	ug/l	99
6) Chloroethane	2.920	64	131676	59.662	ug/l	97
7) Trichlorofluoromethane	3.267	101	303492	54.878	ug/l	100
8) Diethyl Ether	3.709	74	89710	49.014	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.097	101	181658	53.288	ug/l	97
10) Methyl Iodide	4.297	142	188394	46.673	ug/l	99
11) Tert butyl alcohol	5.214	59	63119	230.806	ug/l #	86
12) 1,1-Dichloroethene	4.061	96	174993	52.435	ug/l	88
13) Acrolein	3.914	56	19729	235.735	ug/l	90
14) Allyl chloride	4.708	41	356996	51.356	ug/l #	83
15) Acrylonitrile	5.408	53	226706	258.855	ug/l	99
16) Acetone	4.150	43	279966	274.908	ug/l	93
17) Carbon Disulfide	4.403	76	548887	50.936	ug/l	98
18) Methyl Acetate	4.714	43	165638	51.596	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	445554	51.716	ug/l	98
20) Methylene Chloride	4.961	84	209456	49.225	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	201268	52.616	ug/l	92
22) Diisopropyl ether	6.355	45	709107	51.312	ug/l	93
23) Vinyl Acetate	6.297	43	1765704	240.269	ug/l	96
24) 1,1-Dichloroethane	6.255	63	382337	51.798	ug/l	98
25) 2-Butanone	7.208	43	330019	252.491	ug/l #	88
26) 2,2-Dichloropropane	7.202	77	336445	54.008	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	225155	51.492	ug/l	92
28) Bromochloromethane	7.544	49	161146	51.472	ug/l	87
29) Tetrahydrofuran	7.555	42	195849	257.595	ug/l	93
30) Chloroform	7.702	83	366008	52.154	ug/l	98
31) Cyclohexane	7.979	56	380113	49.396	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	329021	54.589	ug/l	97
36) 1,1-Dichloropropene	8.108	75	297362	55.335	ug/l	98
37) Ethyl Acetate	7.285	43	132428	54.014	ug/l #	94
38) Carbon Tetrachloride	8.091	117	277024	55.978	ug/l	98
39) Methylcyclohexane	9.349	83	379276	54.648	ug/l	98
40) Benzene	8.344	78	804759	53.176	ug/l	100

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41) Methacrylonitrile	7.514	41	72330	41.559	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	232751	54.298	ug/l	96
43) Isopropyl Acetate	8.444	43	275723	53.139	ug/l #	90
44) Trichloroethene	9.108	130	210586	53.985	ug/l	94
45) 1,2-Dichloropropane	9.379	63	214398	52.384	ug/l	96
46) Dibromomethane	9.467	93	104910	53.852	ug/l	96
47) Bromodichloromethane	9.655	83	277943	53.940	ug/l	98
48) Methyl methacrylate	9.449	41	136542	53.642	ug/l #	84
49) 1,4-Dioxane	9.455	88	24806	1098.989	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	693256	275.584	ug/l	91
52) Toluene	10.396	92	506993	53.145	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	281852	54.242	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	317255	51.776	ug/l #	85
55) 1,1,2-Trichloroethane	10.791	97	142070	53.061	ug/l	94
56) Ethyl methacrylate	10.649	69	206154	54.418	ug/l #	76
57) 1,3-Dichloropropane	10.938	76	260459	53.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	535050	271.673	ug/l	100
59) 2-Hexanone	10.973	43	522341	264.541	ug/l	91
60) Dibromochloromethane	11.132	129	174871	54.442	ug/l	100
61) 1,2-Dibromoethane	11.238	107	138165	53.049	ug/l	97
64) Tetrachloroethene	10.867	164	170310	54.252	ug/l	97
65) Chlorobenzene	11.661	112	519583	54.093	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	187346	54.952	ug/l	98
67) Ethyl Benzene	11.738	91	999643	54.954	ug/l	100
68) m/p-Xylenes	11.843	106	754315	110.951	ug/l	97
69) o-Xylene	12.173	106	350981	54.275	ug/l	96
70) Styrene	12.185	104	604631	55.220	ug/l	97
71) Bromoform	12.349	173	97508	54.845	ug/l #	99
73) Isopropylbenzene	12.467	105	959922	54.588	ug/l	99
74) N-amyl acetate	12.279	43	272246	54.191	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	160055	52.880	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	98789m	47.380	ug/l	
77) Bromobenzene	12.749	156	201626	53.663	ug/l	95
78) n-propylbenzene	12.808	91	1193103	54.757	ug/l	100
79) 2-Chlorotoluene	12.896	91	651618	52.449	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	789331	54.517	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	52184	48.331	ug/l #	87
82) 4-Chlorotoluene	12.990	91	688717	53.713	ug/l	99
83) tert-Butylbenzene	13.208	119	688552	55.207	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	764277	53.900	ug/l	99
85) sec-Butylbenzene	13.390	105	1044528	55.706	ug/l	100
86) p-Isopropyltoluene	13.502	119	837534	55.626	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	396701	54.000	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	396709	53.935	ug/l	98
89) n-Butylbenzene	13.826	91	856546	56.607	ug/l	99
90) Hexachloroethane	14.096	117	164002	55.044	ug/l	93
91) 1,2-Dichlorobenzene	13.873	146	345502	54.277	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	25310	50.986	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	222108	54.536	ug/l	98
94) Hexachlorobutadiene	15.249	225	121453	59.130	ug/l	99
95) Naphthalene	15.379	128	422141	54.284	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	191722	55.988	ug/l	99

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

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