

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111621\
 Data File : VD071038.D
 Acq On : 16 Nov 2021 11:58
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 03:21:37 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

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	243379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	408979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	360802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	163367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	120174	46.376	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.760%		
35) Dibromofluoromethane	7.914	113	111299	48.228	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.460%		
50) Toluene-d8	10.338	98	424817	47.004	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.000%		
62) 4-Bromofluorobenzene	12.626	95	146532	45.029	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	106151	51.050	ug/l	95
3) Chloromethane	2.209	50	139050	56.197	ug/l	98
4) Vinyl Chloride	2.350	62	160211	67.326	ug/l	100
5) Bromomethane	2.774	94	102413	63.141	ug/l	99
6) Chloroethane	2.926	64	105729	69.179	ug/l	93
7) Trichlorofluoromethane	3.279	101	215880	56.370	ug/l	97
8) Diethyl Ether	3.709	74	57432	45.313	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.103	101	126311	53.505	ug/l	95
10) Methyl Iodide	4.303	142	129896	46.496	ug/l	97
11) Tert butyl alcohol	5.209	59	54108	285.715	ug/l #	90
12) 1,1-Dichloroethene	4.074	96	113863	49.268	ug/l	83
13) Acrolein	3.926	56	12406	213.556	ug/l	94
14) Allyl chloride	4.715	41	228969	47.565	ug/l #	81
15) Acrylonitrile	5.420	53	141034	232.542	ug/l	98
16) Acetone	4.156	43	181909	259.162	ug/l	89
17) Carbon Disulfide	4.415	76	341970	45.826	ug/l	98
18) Methyl Acetate	4.715	43	100968	45.418	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	279594	46.864	ug/l	99
20) Methylene Chloride	4.968	84	135899	46.094	ug/l	87
21) trans-1,2-Dichloroethene	5.473	96	128368	48.460	ug/l	85
22) Diisopropyl ether	6.362	45	459702	48.036	ug/l	92
23) Vinyl Acetate	6.303	43	1099249	218.122	ug/l	97
24) 1,1-Dichloroethane	6.268	63	256315	50.145	ug/l	100
25) 2-Butanone	7.209	43	197794	221.266	ug/l	90
26) 2,2-Dichloropropane	7.209	77	229899	53.292	ug/l	94
27) cis-1,2-Dichloroethene	7.209	96	151876	50.157	ug/l	93
28) Bromochloromethane	7.544	49	102821	47.426	ug/l	86
29) Tetrahydrofuran	7.562	42	116233	220.765	ug/l	91
30) Chloroform	7.709	83	253777	52.220	ug/l	100
31) Cyclohexane	7.985	56	244516	45.885	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	225254	53.968	ug/l #	93
36) 1,1-Dichloropropene	8.114	75	199855	54.731	ug/l	97
37) Ethyl Acetate	7.291	43	82465	49.500	ug/l #	93
38) Carbon Tetrachloride	8.097	117	195492	58.135	ug/l	97
39) Methylcyclohexane	9.356	83	241317	51.170	ug/l	97
40) Benzene	8.350	78	537237	52.242	ug/l	96

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41) Methacrylonitrile	7.520	41	41419	35.454	ug/l	92
42) 1,2-Dichloroethane	8.420	62	161651	55.498	ug/l	94
43) Isopropyl Acetate	8.450	43	171284	48.581	ug/l #	89
44) Trichloroethene	9.109	130	138502	52.252	ug/l	95
45) 1,2-Dichloropropane	9.385	63	141358	50.828	ug/l	97
46) Dibromomethane	9.473	93	69675	52.635	ug/l	94
47) Bromodichloromethane	9.656	83	191519	54.699	ug/l	97
48) Methyl methacrylate	9.450	41	83014	47.995	ug/l #	81
49) 1,4-Dioxane	9.456	88	13997	912.599	ug/l #	87
51) 4-Methyl-2-Pentanone	10.220	43	419526	245.430	ug/l	91
52) Toluene	10.397	92	339452	52.365	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	175894	49.817	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	211323	50.755	ug/l #	83
55) 1,1,2-Trichloroethane	10.791	97	91119	50.083	ug/l	95
56) Ethyl methacrylate	10.656	69	120328	46.744	ug/l #	74
57) 1,3-Dichloropropane	10.938	76	168672	51.052	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	286292	213.929	ug/l	100
59) 2-Hexanone	10.979	43	316223	237.427	ug/l	88
60) Dibromochloromethane	11.132	129	112235	51.422	ug/l	97
61) 1,2-Dibromoethane	11.238	107	89508	50.577	ug/l	99
64) Tetrachloroethene	10.873	164	113316	53.860	ug/l	97
65) Chlorobenzene	11.667	112	347680	54.009	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	123041	53.850	ug/l	99
67) Ethyl Benzene	11.738	91	659223	54.073	ug/l	97
68) m/p-Xylenes	11.850	106	499064	109.530	ug/l	96
69) o-Xylene	12.173	106	234206	54.040	ug/l	98
70) Styrene	12.185	104	391488	53.349	ug/l	96
71) Bromoform	12.355	173	61396	51.527	ug/l #	96
73) Isopropylbenzene	12.473	105	639207	54.312	ug/l	99
74) N-amyl acetate	12.279	43	158614	47.174	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	101999	50.351	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	72983m	52.299	ug/l	
77) Bromobenzene	12.755	156	132015	52.498	ug/l	98
78) n-propylbenzene	12.814	91	792335	54.333	ug/l	100
79) 2-Chlorotoluene	12.902	91	434640	52.272	ug/l	100
80) 1,3,5-Trimethylbenzene	12.950	105	522604	53.931	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	29343	41.142	ug/l #	74
82) 4-Chlorotoluene	12.997	91	451901	52.659	ug/l	99
83) tert-Butylbenzene	13.214	119	442810	53.047	ug/l	94
84) 1,2,4-Trimethylbenzene	13.261	105	504186	53.127	ug/l	99
85) sec-Butylbenzene	13.391	105	688997	54.903	ug/l	99
86) p-Isopropyltoluene	13.508	119	571073	56.671	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	265817	54.064	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	255370	51.875	ug/l	96
89) n-Butylbenzene	13.832	91	560184	55.315	ug/l	99
90) Hexachloroethane	14.102	117	106947	53.632	ug/l	92
91) 1,2-Dichlorobenzene	13.879	146	229835	53.948	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	15546	46.792	ug/l	96
93) 1,2,4-Trichlorobenzene	15.144	180	143865	52.780	ug/l	97
94) Hexachlorobutadiene	15.249	225	81803	59.507	ug/l	100
95) Naphthalene	15.385	128	251033	48.232	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	120563	52.605	ug/l	97

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

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