

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112921\
 Data File : VD071075.D
 Acq On : 29 Nov 2021 16:39
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/30/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Nov 29 17:00:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 16:57:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	320610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	544784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	481614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	219036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	170425	49.601	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.200%		
35) Dibromofluoromethane	7.920	113	166210	52.836	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.680%		
50) Toluene-d8	10.338	98	620905	50.841	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.680%		
62) 4-Bromofluorobenzene	12.626	95	216716	49.464	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	125755	46.099	ug/l	96
3) Chloromethane	2.215	50	170762	51.557	ug/l	100
4) Vinyl Chloride	2.356	62	198634	60.675	ug/l	98
5) Bromomethane	2.779	94	136990	60.532	ug/l	99
6) Chloroethane	2.932	64	140274	65.531	ug/l	94
7) Trichlorofluoromethane	3.279	101	270982	53.082	ug/l	93
8) Diethyl Ether	3.715	74	73318	44.848	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.103	101	160995	51.511	ug/l	96
10) Methyl Iodide	4.303	142	179089	58.509	ug/l	97
11) Tert butyl alcohol	5.220	59	59312	236.666	ug/l	95
12) 1,1-Dichloroethene	4.073	96	144870	48.040	ug/l	85
13) Acrolein	3.926	56	54606	491.879	ug/l	99
14) Allyl chloride	4.721	41	285330	45.945	ug/l #	82
15) Acrylonitrile	5.420	53	172404	221.875	ug/l	97
16) Acetone	4.156	43	216628	254.486	ug/l	90
17) Carbon Disulfide	4.415	76	424417	44.218	ug/l	98
18) Methyl Acetate	4.715	43	123968	43.483	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	359146	46.453	ug/l	99
20) Methylene Chloride	4.968	84	184137	43.225	ug/l	88
21) trans-1,2-Dichloroethene	5.479	96	168033	48.608	ug/l	91
22) Diisopropyl ether	6.367	45	574137	46.433	ug/l	93
23) Vinyl Acetate	6.309	43	1363477	230.595	ug/l	98
24) 1,1-Dichloroethane	6.262	63	333361	49.731	ug/l	98
25) 2-Butanone	7.215	43	247311	233.461	ug/l	94
26) 2,2-Dichloropropane	7.209	77	299321	52.283	ug/l	95
27) cis-1,2-Dichloroethene	7.215	96	196376	49.482	ug/l	93
28) Bromochloromethane	7.544	49	141512	49.916	ug/l	90
29) Tetrahydrofuran	7.562	42	136796	204.378	ug/l	94
30) Chloroform	7.709	83	334154	51.894	ug/l	98
31) Cyclohexane	7.985	56	302176	43.622	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	302622	54.262	ug/l	96
36) 1,1-Dichloropropene	8.114	75	256616	52.283	ug/l	98
37) Ethyl Acetate	7.285	43	98462	45.383	ug/l #	89
38) Carbon Tetrachloride	8.097	117	253786	55.406	ug/l	98
39) Methylcyclohexane	9.356	83	307623	49.045	ug/l	98
40) Benzene	8.350	78	694346	50.576	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	55357	37.851	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	208138	53.153	ug/l	95
43) Isopropyl Acetate	8.450	43	208486	45.339	ug/l	91
44) Trichloroethene	9.109	130	185894	52.154	ug/l	99
45) 1,2-Dichloropropane	9.385	63	185610	50.041	ug/l	99
46) Dibromomethane	9.473	93	92090	52.021	ug/l	95
47) Bromodichloromethane	9.661	83	250892	53.197	ug/l	98
48) Methyl methacrylate	9.456	41	103538	45.774	ug/l #	84
49) 1,4-Dioxane	9.461	88	17674	883.566	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	514429	230.115	ug/l	91
52) Toluene	10.403	92	449192	51.690	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	233845	49.730	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	278766	50.125	ug/l #	78
55) 1,1,2-Trichloroethane	10.797	97	119822	49.486	ug/l	92
56) Ethyl methacrylate	10.656	69	150039	44.892	ug/l #	74
57) 1,3-Dichloropropane	10.944	76	217656	49.610	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	380039	219.223	ug/l	99
59) 2-Hexanone	10.979	43	383632	235.021	ug/l	89
60) Dibromochloromethane	11.138	129	152012	52.099	ug/l	99
61) 1,2-Dibromoethane	11.244	107	115393	49.150	ug/l	100
64) Tetrachloroethene	10.873	164	154032	53.880	ug/l	96
65) Chlorobenzene	11.667	112	458345	52.882	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	166313	53.898	ug/l	97
67) Ethyl Benzene	11.738	91	871828	53.060	ug/l	96
68) m/p-Xylenes	11.850	106	658449	106.791	ug/l	97
69) o-Xylene	12.173	106	308644	52.925	ug/l	96
70) Styrene	12.191	104	526665	53.196	ug/l	98
71) Bromoform	12.355	173	83306	51.979	ug/l #	99
73) Isopropylbenzene	12.473	105	836694	52.682	ug/l	100
74) N-amyl acetate	12.279	43	190961	43.646	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	131923	49.051	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	95246m	50.770	ug/l	
77) Bromobenzene	12.755	156	176864	52.097	ug/l	99
78) n-propylbenzene	12.814	91	1043974	52.946	ug/l	100
79) 2-Chlorotoluene	12.902	91	575646	51.448	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	695040	52.967	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	38959	44.963	ug/l #	77
82) 4-Chlorotoluene	12.997	91	599470	51.811	ug/l	99
83) tert-Butylbenzene	13.214	119	593193	52.531	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	680175	52.992	ug/l	98
85) sec-Butylbenzene	13.391	105	909735	53.483	ug/l	98
86) p-Isopropyltoluene	13.508	119	750238	54.721	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	361491	54.090	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	351222	52.563	ug/l	99
89) n-Butylbenzene	13.832	91	742002	54.103	ug/l	98
90) Hexachloroethane	14.096	117	143106	53.158	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	301960	52.539	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	20343	46.369	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	192628	52.402	ug/l	99
94) Hexachlorobutadiene	15.255	225	110495	58.541	ug/l	100
95) Naphthalene	15.385	128	329982	47.928	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	162658	52.746	ug/l	99

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

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