

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120121\
 Data File : VD071096.D
 Acq On : 01 Dec 2021 09:20
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Dec 02 03:12:32 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

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	301033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	499656	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	457530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	208825	50.000	ug/l	0.00

12/02/2021
 Supervised By :Mahesh
 adoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	164657	46.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.240%
35) Dibromofluoromethane	7.914	113	158715	49.883	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.760%
50) Toluene-d8	10.338	98	569744	47.054	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.100%
62) 4-Bromofluorobenzene	12.626	95	203226	48.420	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.840%

12/03/2021

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	111321	43.364	ug/l	97
3) Chloromethane	2.215	50	162305	47.790	ug/l	98
4) Vinyl Chloride	2.356	62	184347	48.653	ug/l	97
5) Bromomethane	2.773	94	129104	47.267	ug/l	93
6) Chloroethane	2.926	64	130247	49.979	ug/l	90
7) Trichlorofluoromethane	3.279	101	249798	48.666	ug/l	96
8) Diethyl Ether	3.709	74	68377	49.139	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.103	101	148545	49.053	ug/l	96
10) Methyl Iodide	4.303	142	144368	41.829	ug/l	94
11) Tert butyl alcohol	5.203	59	74177	343.341	ug/l #	89
12) 1,1-Dichloroethene	4.073	96	132724	47.493	ug/l	88
13) Acrolein	3.920	56	57768	239.320	ug/l	98
14) Allyl chloride	4.715	41	252316	47.533	ug/l #	80
15) Acrylonitrile	5.420	53	176616	260.983	ug/l	97
16) Acetone	4.156	43	225807	241.885	ug/l	89
17) Carbon Disulfide	4.415	76	385430	47.106	ug/l	97
18) Methyl Acetate	4.720	43	131107	50.306	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	353734	51.649	ug/l	97
20) Methylene Chloride	4.973	84	159737	44.342	ug/l #	85
21) trans-1,2-Dichloroethene	5.473	96	156665	49.801	ug/l	90
22) Diisopropyl ether	6.361	45	550025	51.718	ug/l	94
23) Vinyl Acetate	6.303	43	1310388	230.258	ug/l	97
24) 1,1-Dichloroethane	6.267	63	308752	50.474	ug/l	99
25) 2-Butanone	7.208	43	248181	231.469	ug/l #	84
26) 2,2-Dichloropropane	7.208	77	271174	48.751	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	178655	50.199	ug/l	91
28) Bromochloromethane	7.544	49	129065	48.577	ug/l	91
29) Tetrahydrofuran	7.561	42	144802	258.165	ug/l	94
30) Chloroform	7.708	83	317387	51.700	ug/l	96
31) Cyclohexane	7.985	56	272955	45.429	ug/l	94
32) 1,1,1-Trichloroethane	7.903	97	279592	50.727	ug/l	94
36) 1,1-Dichloropropene	8.108	75	235373	50.402	ug/l	97
37) Ethyl Acetate	7.291	43	104124	51.617	ug/l #	91
38) Carbon Tetrachloride	8.091	117	240331	52.207	ug/l	99
39) Methylcyclohexane	9.355	83	275682	49.081	ug/l	99
40) Benzene	8.350	78	651523	51.362	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.514	41	58952	58.599	ug/l	#	81
42) 1,2-Dichloroethane	8.426	62	202673	52.343	ug/l		94
43) Isopropyl Acetate	8.450	43	207541	47.096	ug/l		90
44) Trichloroethene	9.114	130	172025	50.863	ug/l		97
45) 1,2-Dichloropropane	9.385	63	170092	50.988	ug/l		99
46) Dibromomethane	9.473	93	91725	52.998	ug/l		94
47) Bromodichloromethane	9.661	83	242354	52.949	ug/l	#	99
48) Methyl methacrylate	9.450	41	103892	52.615	ug/l	#	80
49) 1,4-Dioxane	9.461	88	17854	1068.669	ug/l		92
51) 4-Methyl-2-Pentanone	10.220	43	534693	236.892	ug/l		91
52) Toluene	10.397	92	419169	52.081	ug/l		96
53) t-1,3-Dichloropropene	10.614	75	219803	52.232	ug/l		96
54) cis-1,3-Dichloropropene	10.085	75	258653	51.744	ug/l	#	83
55) 1,1,2-Trichloroethane	10.797	97	122227	53.834	ug/l		97
56) Ethyl methacrylate	10.655	69	149631	46.283	ug/l	#	73
57) 1,3-Dichloropropane	10.938	76	210434	52.760	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	806344	521.907	ug/l		100
59) 2-Hexanone	10.979	43	393717	232.514	ug/l		89
60) Dibromochloromethane	11.132	129	151225	53.591	ug/l		99
61) 1,2-Dibromoethane	11.244	107	112078	51.399	ug/l		99
64) Tetrachloroethene	10.873	164	142159	48.942	ug/l		97
65) Chlorobenzene	11.661	112	430017	50.655	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.738	131	157987	50.970	ug/l		98
67) Ethyl Benzene	11.738	91	810698	50.729	ug/l		98
68) m/p-Xylenes	11.844	106	617011	102.266	ug/l		98
69) o-Xylene	12.173	106	285956	50.428	ug/l		97
70) Styrene	12.191	104	490551	51.329	ug/l		97
71) Bromoform	12.355	173	82969	51.669	ug/l	#	97
73) Isopropylbenzene	12.473	105	778423	51.481	ug/l		99
74) N-amyl acetate	12.279	43	190266	46.421	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	131874	52.960	ug/l		100
76) 1,2,3-Trichloropropane	12.773	75	92050m	46.266	ug/l		
77) Bromobenzene	12.755	156	166733	50.909	ug/l		98
78) n-propylbenzene	12.814	91	963261	51.155	ug/l		99
79) 2-Chlorotoluene	12.902	91	532425	50.378	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	631211	50.623	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.520	75	37158	44.411	ug/l	#	74
82) 4-Chlorotoluene	12.996	91	551284	50.245	ug/l		99
83) tert-Butylbenzene	13.214	119	538167	50.258	ug/l		96
84) 1,2,4-Trimethylbenzene	13.261	105	625700	51.399	ug/l		98
85) sec-Butylbenzene	13.391	105	829578	50.723	ug/l		100
86) p-Isopropyltoluene	13.508	119	684326	51.158	ug/l		97
87) 1,3-Dichlorobenzene	13.508	146	331893	50.907	ug/l		99
88) 1,4-Dichlorobenzene	13.585	146	326688	50.577	ug/l		99
89) n-Butylbenzene	13.832	91	672367	51.490	ug/l		97
90) Hexachloroethane	14.102	117	131018	51.668	ug/l		94
91) 1,2-Dichlorobenzene	13.879	146	291899	52.648	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	20802	51.299	ug/l		98
93) 1,2,4-Trichlorobenzene	15.149	180	177471	51.316	ug/l		98
94) Hexachlorobutadiene	15.255	225	97372	49.762	ug/l		99
95) Naphthalene	15.385	128	324140	53.168	ug/l		100
96) 1,2,3-Trichlorobenzene	15.579	180	151659	51.631	ug/l		99

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

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