

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071580.D
 Acq On : 03 Jan 2022 21:49
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/04/2022
 Supervised By : Mahesh Dadoda 01/04/2022

Quant Time: Jan 04 00:52:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						01/04/2022
1) Pentafluorobenzene	7.979	168	276866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	484949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	467374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	227425	50.000	ug/l	0.00
System Monitoring Compounds						01/04/2022
33) 1,2-Dichloroethane-d4	8.332	65	200471	54.520	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.040%
35) Dibromofluoromethane	7.914	113	180303	55.321	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.640%
50) Toluene-d8	10.338	98	643622	52.256	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.520%
62) 4-Bromofluorobenzene	12.620	95	238499	54.492	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.980%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	123339	42.514	ug/l	94
3) Chloromethane	2.215	50	174247	46.906	ug/l	99
4) Vinyl Chloride	2.356	62	194632	43.721	ug/l	99
5) Bromomethane	2.779	94	143331	46.024	ug/l	99
6) Chloroethane	2.926	64	141669	47.953	ug/l	94
7) Trichlorofluoromethane	3.279	101	264115	48.464	ug/l	95
8) Diethyl Ether	3.720	74	82181	52.674	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.103	101	158400	49.960	ug/l	95
10) Methyl Iodide	4.303	142	170857	55.413	ug/l	93
11) Tert butyl alcohol	5.215	59	43051	132.930	ug/l	98
12) 1,1-Dichloroethene	4.073	96	143412	49.718	ug/l	89
13) Acrolein	3.926	56	24830	139.789	ug/l	97
14) Allyl chloride	4.720	41	296257	54.301	ug/l #	80
15) Acrylonitrile	5.420	53	216315	281.539	ug/l	95
16) Acetone	4.156	43	259948	281.454	ug/l #	84
17) Carbon Disulfide	4.420	76	392340	41.745	ug/l	99
18) Methyl Acetate	4.720	43	160341	56.247	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	409625	55.012	ug/l	100
20) Methylene Chloride	4.967	84	221234	65.291	ug/l	88
21) trans-1,2-Dichloroethene	5.479	96	170442	51.016	ug/l	87
22) Diisopropyl ether	6.367	45	669689	60.296	ug/l	94
23) Vinyl Acetate	6.309	43	1621066	283.124	ug/l	96
24) 1,1-Dichloroethane	6.267	63	358391	56.286	ug/l	98
25) 2-Butanone	7.209	43	299390	271.386	ug/l #	87
26) 2,2-Dichloropropane	7.214	77	287288	54.912	ug/l	95
27) cis-1,2-Dichloroethene	7.214	96	208984	56.553	ug/l	93
28) Bromochloromethane	7.544	49	137898	52.850	ug/l	89
29) Tetrahydrofuran	7.561	42	176955	267.156	ug/l	94
30) Chloroform	7.708	83	374593	58.305	ug/l	99
31) Cyclohexane	7.985	56	282402	45.211	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	313534	55.026	ug/l #	95
36) 1,1-Dichloropropene	8.114	75	259345	49.806	ug/l	97
37) Ethyl Acetate	7.291	43	133384	55.486	ug/l #	92
38) Carbon Tetrachloride	8.097	117	266114	51.801	ug/l	96
39) Methylcyclohexane	9.355	83	273500	44.870	ug/l	99
40) Benzene	8.350	78	741408	52.965	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.520	41	80189	56.159	ug/l	#	73
42) 1,2-Dichloroethane	8.426	62	251386	55.073	ug/l		92
43) Isopropyl Acetate	8.450	43	251602	52.740	ug/l	#	90
44) Trichloroethene	9.108	130	186587	51.151	ug/l		96
45) 1,2-Dichloropropane	9.385	63	200551	55.213	ug/l		95
46) Dibromomethane	9.473	93	111826	55.725	ug/l		92
47) Bromodichloromethane	9.661	83	292934	57.495	ug/l		98
48) Methyl methacrylate	9.455	41	119744	50.723	ug/l	#	80
49) 1,4-Dioxane	9.461	88	20671	911.541	ug/l		92
51) 4-Methyl-2-Pentanone	10.220	43	672507	267.943	ug/l		91
52) Toluene	10.402	92	484558	54.493	ug/l		98
53) t-1,3-Dichloropropene	10.614	75	259382	54.519	ug/l		95
54) cis-1,3-Dichloropropene	10.085	75	299404	54.459	ug/l	#	77
55) 1,1,2-Trichloroethane	10.791	97	147417	57.874	ug/l		96
56) Ethyl methacrylate	10.655	69	188954	56.371	ug/l	#	73
57) 1,3-Dichloropropane	10.938	76	258486	55.401	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	449917	280.211	ug/l		100
59) 2-Hexanone	10.979	43	493578	278.210	ug/l		88
60) Dibromochloromethane	11.132	129	183322	57.252	ug/l		100
61) 1,2-Dibromoethane	11.244	107	140765	55.795	ug/l		100
64) Tetrachloroethene	10.873	164	156324	48.131	ug/l		96
65) Chlorobenzene	11.661	112	514031	53.618	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.738	131	195226	55.742	ug/l		99
67) Ethyl Benzene	11.738	91	944871	52.959	ug/l		98
68) m/p-Xylenes	11.849	106	710111	104.760	ug/l		93
69) o-Xylene	12.173	106	340986	55.033	ug/l		94
70) Styrene	12.185	104	601380	55.871	ug/l		97
71) Bromoform	12.355	173	103769	54.754	ug/l	#	100
73) Isopropylbenzene	12.473	105	906886	51.723	ug/l		99
74) N-amyl acetate	12.279	43	243647	51.794	ug/l		89
75) 1,1,2,2-Tetrachloroethane	12.720	83	166245	52.444	ug/l		99
76) 1,2,3-Trichloropropane	12.773	75	139527m	51.634	ug/l		
77) Bromobenzene	12.755	156	204351	52.377	ug/l		97
78) n-propylbenzene	12.814	91	1132598	51.535	ug/l		99
79) 2-Chlorotoluene	12.896	91	639592	52.075	ug/l		100
80) 1,3,5-Trimethylbenzene	12.949	105	766696	53.014	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.520	75	45408	47.480	ug/l	#	75
82) 4-Chlorotoluene	12.996	91	671527	52.710	ug/l		100
83) tert-Butylbenzene	13.214	119	646345	52.302	ug/l		95
84) 1,2,4-Trimethylbenzene	13.261	105	768956	53.723	ug/l		97
85) sec-Butylbenzene	13.391	105	972916	51.641	ug/l		100
86) p-Isopropyltoluene	13.502	119	810127	51.825	ug/l		98
87) 1,3-Dichlorobenzene	13.508	146	409210	52.079	ug/l		98
88) 1,4-Dichlorobenzene	13.585	146	402773	52.278	ug/l		98
89) n-Butylbenzene	13.832	91	790227	51.504	ug/l		97
90) Hexachloroethane	14.102	117	154985	52.337	ug/l		92
91) 1,2-Dichlorobenzene	13.879	146	354076	53.097	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	26818	48.784	ug/l		97
93) 1,2,4-Trichlorobenzene	15.143	180	206855	50.903	ug/l		99
94) Hexachlorobutadiene	15.249	225	110363	50.696	ug/l		99
95) Naphthalene	15.385	128	400617	51.792	ug/l		100
96) 1,2,3-Trichlorobenzene	15.579	180	179451	51.055	ug/l		98

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

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 Dadoda

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