

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121421\
 Data File : VD071331.D
 Acq On : 14 Dec 2021 20:09
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Dec 15 08:34:09 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)	Dadoda
Internal Standards							12/15/2021
1) Pentafluorobenzene	7.979	168	243499	50.000	ug/l	0.00	Supervised By :Mahesh Dadoda
34) 1,4-Difluorobenzene	8.861	114	422251	50.000	ug/l	0.00	
63) Chlorobenzene-d5	11.638	117	410369	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.561	152	208257	50.000	ug/l	0.00	
System Monitoring Compounds							12/17/2021
33) 1,2-Dichloroethane-d4	8.326	65	179379	62.782	ug/l	0.00	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.560%	
35) Dibromofluoromethane	7.914	113	158227	58.846	ug/l	0.00	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.700%	
50) Toluene-d8	10.338	98	537892	52.567	ug/l	0.00	
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.140%	
62) 4-Bromofluorobenzene	12.620	95	210094	59.232	ug/l	0.00	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.460%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.991	85	88418	42.581	ug/l	98	
3) Chloromethane	2.215	50	153919	56.029	ug/l	97	
4) Vinyl Chloride	2.350	62	184170	60.091	ug/l	97	
5) Bromomethane	2.768	94	129060	58.415	ug/l	98	
6) Chloroethane	2.920	64	137305	65.136	ug/l	95	
7) Trichlorofluoromethane	3.273	101	221568	53.366	ug/l	98	
8) Diethyl Ether	3.709	74	68914	61.226	ug/l	93	
9) 1,1,2-Trichlorotrifluo...	4.097	101	134957	55.096	ug/l	93	
10) Methyl Iodide	4.303	142	130311	46.149	ug/l	95	
11) Tert butyl alcohol	5.214	59	65974	380.036	ug/l #	88	
12) 1,1-Dichloroethene	4.073	96	114981	50.865	ug/l #	76	
13) Acrolein	3.920	56	30110	154.212	ug/l	93	
14) Allyl chloride	4.714	41	239496	55.779	ug/l #	82	
15) Acrylonitrile	5.414	53	197767	361.288	ug/l	97	
16) Acetone	4.156	43	231982	298.898	ug/l #	88	
17) Carbon Disulfide	4.409	76	302393	45.690	ug/l	98	
18) Methyl Acetate	4.720	43	145928	69.223	ug/l	94	
19) Methyl tert-butyl Ether	5.473	73	360028	64.988	ug/l	99	
20) Methylene Chloride	4.962	84	171480	60.340	ug/l	90	
21) trans-1,2-Dichloroethene	5.473	96	140869	55.360	ug/l	94	
22) Diisopropyl ether	6.361	45	553635	64.357	ug/l	91	
23) Vinyl Acetate	6.303	43	1353780	286.545	ug/l	96	
24) 1,1-Dichloroethane	6.267	63	301377	60.909	ug/l	99	
25) 2-Butanone	7.214	43	273901	305.483	ug/l #	87	
26) 2,2-Dichloropropane	7.208	77	232399	51.652	ug/l	95	
27) cis-1,2-Dichloroethene	7.214	96	172421	59.894	ug/l	92	
28) Bromochloromethane	7.544	49	134870	62.756	ug/l	90	
29) Tetrahydrofuran	7.561	42	161319	355.569	ug/l	93	
30) Chloroform	7.708	83	316956	63.828	ug/l	99	
31) Cyclohexane	7.985	56	228534	47.023	ug/l	93	
32) 1,1,1-Trichloroethane	7.903	97	256877	57.617	ug/l #	93	
36) 1,1-Dichloropropene	8.108	75	212273	53.788	ug/l	97	
37) Ethyl Acetate	7.285	43	113102	66.346	ug/l #	93	
38) Carbon Tetrachloride	8.097	117	219218	56.351	ug/l	94	
39) Methylcyclohexane	9.355	83	227149	47.854	ug/l	96	
40) Benzene	8.350	78	613336	57.215	ug/l	97	

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12/15/2021
 Supervised By : Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.514	41	67239	72.931	ug/l	#	79
42) 1,2-Dichloroethane	8.420	62	212769	65.024	ug/l		93
43) Isopropyl Acetate	8.450	43	224469	58.813	ug/l	#	88
44) Trichloroethene	9.108	130	156496	54.754	ug/l		99
45) 1,2-Dichloropropane	9.385	63	177305	62.894	ug/l		99
46) Dibromomethane	9.473	93	93920	64.214	ug/l		93
47) Bromodichloromethane	9.655	83	246749	63.792	ug/l		99
48) Methyl methacrylate	9.450	41	112900	67.658	ug/l	#	81
49) 1,4-Dioxane	9.461	88	21185	1500.502	ug/l		98
51) 4-Methyl-2-Pentanone	10.220	43	603856	306.267	ug/l		91
52) Toluene	10.397	92	388759	57.157	ug/l		99
53) t-1,3-Dichloropropene	10.614	75	218481	61.435	ug/l		99
54) cis-1,3-Dichloropropene	10.085	75	251731	59.591	ug/l	#	79
55) 1,1,2-Trichloroethane	10.797	97	128864	67.161	ug/l		96
56) Ethyl methacrylate	10.655	69	160915	57.270	ug/l	#	74
57) 1,3-Dichloropropane	10.938	76	223397	66.278	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.938	63	374848	287.097	ug/l		99
59) 2-Hexanone	10.979	43	433354	292.380	ug/l		87
60) Dibromochloromethane	11.132	129	161319	67.648	ug/l		98
61) 1,2-Dibromoethane	11.238	107	118503	64.308	ug/l		95
64) Tetrachloroethene	10.873	164	131833	50.603	ug/l		94
65) Chlorobenzene	11.661	112	425275	55.854	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.732	131	164999	59.350	ug/l		99
67) Ethyl Benzene	11.738	91	780118	54.425	ug/l		99
68) m/p-Xylenes	11.844	106	587727	108.608	ug/l		96
69) o-Xylene	12.173	106	282637	55.570	ug/l		98
70) Styrene	12.185	104	495339	57.786	ug/l		98
71) Bromoform	12.355	173	94141	65.364	ug/l	#	99
73) Isopropylbenzene	12.473	105	746169	49.482	ug/l		99
74) N-amyl acetate	12.279	43	211573	51.104	ug/l		90
75) 1,1,2,2-Tetrachloroethane	12.720	83	154885	62.371	ug/l		98
76) 1,2,3-Trichloropropane	12.773	75	121906m	61.439	ug/l		
77) Bromobenzene	12.749	156	169998	52.047	ug/l		96
78) n-propylbenzene	12.808	91	941006	50.109	ug/l		100
79) 2-Chlorotoluene	12.896	91	543582	51.574	ug/l		98
80) 1,3,5-Trimethylbenzene	12.949	105	634249	51.006	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.520	75	38089	45.488	ug/l	#	71
82) 4-Chlorotoluene	12.996	91	559073	51.094	ug/l		100
83) tert-Butylbenzene	13.214	119	544485	50.986	ug/l		98
84) 1,2,4-Trimethylbenzene	13.255	105	636274	52.410	ug/l		97
85) sec-Butylbenzene	13.390	105	811913	49.778	ug/l		100
86) p-Isopropyltoluene	13.502	119	673797	50.508	ug/l		98
87) 1,3-Dichlorobenzene	13.502	146	348832	53.651	ug/l		97
88) 1,4-Dichlorobenzene	13.585	146	341516	53.017	ug/l		99
89) n-Butylbenzene	13.832	91	655824	50.360	ug/l		98
90) Hexachloroethane	14.096	117	132818	52.520	ug/l		93
91) 1,2-Dichlorobenzene	13.873	146	310197	56.101	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	24778	61.270	ug/l		97
93) 1,2,4-Trichlorobenzene	15.143	180	186179	53.981	ug/l		97
94) Hexachlorobutadiene	15.249	225	95251	48.810	ug/l		99
95) Naphthalene	15.379	128	359959	59.204	ug/l		100
96) 1,2,3-Trichlorobenzene	15.573	180	164418	56.128	ug/l		100

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

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12/17/2021

