

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121621\
 Data File : VD071358.D
 Acq On : 16 Dec 2021 09:41
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 16 23:45:03 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

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

12/19/2021
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	269227	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	446548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	417585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	214712	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	170643	54.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.040%	
35) Dibromofluoromethane	7.909	113	156131	54.907	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.820%	
50) Toluene-d8	10.332	98	536349	49.564	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.120%	
62) 4-Bromofluorobenzene	12.620	95	201785	53.794	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.580%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.991	85	91294	39.764	ug/l	99
3) Chloromethane	2.209	50	147995	48.725	ug/l	95
4) Vinyl Chloride	2.350	62	184527	54.454	ug/l	98
5) Bromomethane	2.768	94	123634	50.611	ug/l	89
6) Chloroethane	2.921	64	136197	58.436	ug/l	91
7) Trichlorofluoromethane	3.273	101	230314	50.171	ug/l	94
8) Diethyl Ether	3.703	74	64985	52.218	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.097	101	138211	51.032	ug/l	95
10) Methyl Iodide	4.303	142	131713	42.579	ug/l	97
11) Tert butyl alcohol	5.215	59	59458	303.389	ug/l	95
12) 1,1-Dichloroethene	4.062	96	118046	47.231	ug/l	88
13) Acrolein	3.921	56	57778	267.639	ug/l	99
14) Allyl chloride	4.715	41	238109	50.156	ug/l #	79
15) Acrylonitrile	5.420	53	186576	308.272	ug/l	96
16) Acetone	4.156	43	241187	282.899	ug/l #	87
17) Carbon Disulfide	4.409	76	308633	42.177	ug/l	98
18) Methyl Acetate	4.715	43	136473	58.552	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	340987	55.669	ug/l	97
20) Methylene Chloride	4.962	84	156236	48.920	ug/l #	83
21) trans-1,2-Dichloroethene	5.467	96	140965	50.104	ug/l	92
22) Diisopropyl ether	6.362	45	535946	56.347	ug/l	91
23) Vinyl Acetate	6.297	43	1290228	250.752	ug/l	96
24) 1,1-Dichloroethane	6.262	63	295575	54.028	ug/l	98
25) 2-Butanone	7.209	43	267618	273.250	ug/l #	86
26) 2,2-Dichloropropane	7.203	77	245509	49.351	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	170004	53.411	ug/l	95
28) Bromochloromethane	7.544	49	130104	54.754	ug/l	88
29) Tetrahydrofuran	7.556	42	156772	312.526	ug/l	93
30) Chloroform	7.703	83	305752	55.688	ug/l	99
31) Cyclohexane	7.985	56	246333	45.842	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	263609	53.477	ug/l #	93
36) 1,1-Dichloropropene	8.109	75	219006	52.474	ug/l	96
37) Ethyl Acetate	7.285	43	111382	61.782	ug/l #	90
38) Carbon Tetrachloride	8.091	117	226509	55.057	ug/l	96
39) Methylcyclohexane	9.350	83	243139	48.435	ug/l	99
40) Benzene	8.350	78	595905	52.565	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.520	41	57910	62.885	ug/l	#	89
42) 1,2-Dichloroethane	8.414	62	198880	57.472	ug/l		94
43) Isopropyl Acetate	8.444	43	210197	52.675	ug/l		90
44) Trichloroethene	9.108	130	155203	51.347	ug/l		91
45) 1,2-Dichloropropane	9.385	63	166686	55.910	ug/l		99
46) Dibromomethane	9.473	93	90598	58.573	ug/l		93
47) Bromodichloromethane	9.656	83	238584	58.325	ug/l		98
48) Methyl methacrylate	9.450	41	97631	55.325	ug/l	#	84
49) 1,4-Dioxane	9.456	88	20771	1391.131	ug/l		95
51) 4-Methyl-2-Pentanone	10.220	43	580623	281.243	ug/l		89
52) Toluene	10.397	92	387737	53.905	ug/l		98
53) t-1,3-Dichloropropene	10.614	75	213090	56.659	ug/l		99
54) cis-1,3-Dichloropropene	10.085	75	247726	55.452	ug/l	#	80
55) 1,1,2-Trichloroethane	10.791	97	119666	58.974	ug/l		96
56) Ethyl methacrylate	10.650	69	151240	51.562	ug/l	#	76
57) 1,3-Dichloropropane	10.938	76	211088	59.218	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.932	63	393455	284.951	ug/l		99
59) 2-Hexanone	10.979	43	424157	273.179	ug/l		89
60) Dibromochloromethane	11.132	129	150503	59.679	ug/l		99
61) 1,2-Dibromoethane	11.238	107	111066	56.993	ug/l		98
64) Tetrachloroethene	10.867	164	127176	47.972	ug/l		96
65) Chlorobenzene	11.661	112	406788	52.502	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.738	131	159702	56.452	ug/l		97
67) Ethyl Benzene	11.738	91	766892	52.578	ug/l		100
68) m/p-Xylenes	11.844	106	574120	104.260	ug/l		95
69) o-Xylene	12.173	106	273178	52.783	ug/l		96
70) Styrene	12.185	104	470869	53.982	ug/l		97
71) Bromoform	12.349	173	89950	61.375	ug/l	#	97
73) Isopropylbenzene	12.473	105	731513	47.052	ug/l		99
74) N-amyl acetate	12.279	43	194409	46.167	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	147190	57.490	ug/l		97
76) 1,2,3-Trichloropropane	12.773	75	95421m	46.645	ug/l		
77) Bromobenzene	12.749	156	163185	48.460	ug/l		98
78) n-propylbenzene	12.808	91	938375	48.467	ug/l		99
79) 2-Chlorotoluene	12.897	91	518608	47.725	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	613430	47.849	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.514	75	40520	46.752	ug/l	#	73
82) 4-Chlorotoluene	12.996	91	532186	47.174	ug/l		98
83) tert-Butylbenzene	13.214	119	534812	48.575	ug/l		98
84) 1,2,4-Trimethylbenzene	13.255	105	621806	49.679	ug/l		97
85) sec-Butylbenzene	13.391	105	815638	48.503	ug/l		99
86) p-Isopropyltoluene	13.502	119	679934	49.436	ug/l		97
87) 1,3-Dichlorobenzene	13.502	146	340529	50.799	ug/l		98
88) 1,4-Dichlorobenzene	13.585	146	328109	49.404	ug/l		99
89) n-Butylbenzene	13.832	91	658611	49.053	ug/l		98
90) Hexachloroethane	14.096	117	132624	50.867	ug/l		92
91) 1,2-Dichlorobenzene	13.873	146	292161	51.251	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	23733	56.922	ug/l		95
93) 1,2,4-Trichlorobenzene	15.143	180	175356	49.314	ug/l		97
94) Hexachlorobutadiene	15.249	225	98345	48.881	ug/l		98
95) Naphthalene	15.385	128	331239	52.843	ug/l		99
96) 1,2,3-Trichlorobenzene	15.579	180	157262	52.071	ug/l		99

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

