

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
 Data File : VD071736.D
 Acq On : 19 Jan 2022 09:33
 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: Jan 20 04:55:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/20/2022
 Supervised By : Mahesh Dadoda 01/20/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	303859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	492574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	456317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	220222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	204601	52.330	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.660%			
35) Dibromofluoromethane	7.914	113	182132	55.949	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.900%			
50) Toluene-d8	10.338	98	691754	56.768	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.540%			
62) 4-Bromofluorobenzene	12.626	95	228569	53.231	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	106333	46.135	ug/l	98
3) Chloromethane	2.215	50	135485	44.768	ug/l	99
4) Vinyl Chloride	2.356	62	161732	42.809	ug/l	92
5) Bromomethane	2.773	94	113569	44.928	ug/l	96
6) Chloroethane	2.926	64	118281	43.932	ug/l	96
7) Trichlorofluoromethane	3.279	101	242492	45.277	ug/l	99
8) Diethyl Ether	3.715	74	58742	41.702	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.103	101	145304	46.417	ug/l	97
10) Methyl Iodide	4.303	142	119813	40.031	ug/l	100
11) Tert butyl alcohol	5.215	59	38050	166.862	ug/l #	91
12) 1,1-Dichloroethene	4.073	96	118715	43.702	ug/l	88
13) Acrolein	3.926	56	60375	158.212	ug/l	98
14) Allyl chloride	4.720	41	243627	45.231	ug/l	98
15) Acrylonitrile	5.420	53	161110	216.425	ug/l	100
16) Acetone	4.156	43	220087	243.816	ug/l	99
17) Carbon Disulfide	4.415	76	287624	42.257	ug/l	97
18) Methyl Acetate	4.715	43	113610	43.776	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	303817	42.370	ug/l	98
20) Methylene Chloride	4.968	84	146487	43.551	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	136125	43.881	ug/l	99
22) Diisopropyl ether	6.367	45	526017	45.353	ug/l	98
23) Vinyl Acetate	6.309	43	1227760	226.836	ug/l	100
24) 1,1-Dichloroethane	6.267	63	299410	45.226	ug/l	98
25) 2-Butanone	7.209	43	235450	220.766	ug/l	99
26) 2,2-Dichloropropane	7.209	77	269413	48.463	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	167937	45.866	ug/l	99
28) Bromochloromethane	7.544	49	147243	45.657	ug/l	98
29) Tetrahydrofuran	7.561	42	130492	212.687	ug/l	99
30) Chloroform	7.709	83	318702	47.077	ug/l	92
31) Cyclohexane	7.985	56	242031	44.754	ug/l #	96
32) 1,1,1-Trichloroethane	7.903	97	285802	47.899	ug/l	97
36) 1,1-Dichloropropene	8.108	75	224408	48.327	ug/l	100
37) Ethyl Acetate	7.291	43	98862	45.872	ug/l #	94
38) Carbon Tetrachloride	8.103	117	239205	50.867	ug/l	98
39) Methylcyclohexane	9.355	83	233619	46.577	ug/l	95
40) Benzene	8.350	78	608134	47.532	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	56364	42.591	ug/l	97
42) 1,2-Dichloroethane	8.426	62	197974	45.712	ug/l	98
43) Isopropyl Acetate	8.444	43	188670	46.506	ug/l	98
44) Trichloroethene	9.108	130	154875	47.037	ug/l	92
45) 1,2-Dichloropropane	9.385	63	169551	49.023	ug/l	98
46) Dibromomethane	9.473	93	82962	46.864	ug/l	99
47) Bromodichloromethane	9.655	83	241637	49.717	ug/l	98
48) Methyl methacrylate	9.450	41	87207	42.538	ug/l	97
49) 1,4-Dioxane	9.456	88	16275	917.002	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	506403	236.316	ug/l	100
52) Toluene	10.397	92	398500	49.482	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	212691	49.886	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	241095	47.960	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	115215	49.646	ug/l	97
56) Ethyl methacrylate	10.655	69	133822	47.043	ug/l	98
57) 1,3-Dichloropropane	10.944	76	204696	47.731	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	355833	226.592	ug/l	99
59) 2-Hexanone	10.979	43	375846	251.115	ug/l	99
60) Dibromochloromethane	11.138	129	146219	49.499	ug/l	96
61) 1,2-Dibromoethane	11.238	107	101877	45.884	ug/l	97
64) Tetrachloroethene	10.873	164	129469	48.301	ug/l	97
65) Chlorobenzene	11.661	112	409704	46.920	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	160807	48.568	ug/l	96
67) Ethyl Benzene	11.738	91	787252	49.109	ug/l	99
68) m/p-Xylenes	11.849	106	605825	101.611	ug/l	98
69) o-Xylene	12.173	106	276500	48.997	ug/l	97
70) Styrene	12.191	104	478989	49.520	ug/l	100
71) Bromoform	12.355	173	79459	49.149	ug/l #	100
73) Isopropylbenzene	12.473	105	763974	48.274	ug/l	98
74) N-amyl acetate	12.279	43	176965	45.585	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	127458	45.450	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	110667m	52.006	ug/l	
77) Bromobenzene	12.755	156	158939	46.494	ug/l	99
78) n-propylbenzene	12.814	91	978959	49.185	ug/l	100
79) 2-Chlorotoluene	12.902	91	543914	48.486	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	640319	48.424	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	36249	47.491	ug/l	99
82) 4-Chlorotoluene	12.996	91	564804	48.530	ug/l	99
83) tert-Butylbenzene	13.214	119	552283	48.879	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	645259	49.345	ug/l	100
85) sec-Butylbenzene	13.391	105	864783	49.970	ug/l	99
86) p-Isopropyltoluene	13.508	119	718649	50.578	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	341165	48.359	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	328472	45.638	ug/l	99
89) n-Butylbenzene	13.832	91	710617	49.940	ug/l	98
90) Hexachloroethane	14.102	117	140948	50.139	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	287857	47.609	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	20711	45.950	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	168696	48.414	ug/l	98
94) Hexachlorobutadiene	15.249	225	100270	49.086	ug/l	98
95) Naphthalene	15.385	128	283913	46.020	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	143396	48.296	ug/l	100

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

