

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012022\
 Data File : VD071757.D
 Acq On : 20 Jan 2022 11:52
 Operator : VA/SY
 Sample : VD0120SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBS01

Quant Time: Jan 21 03:14:48 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 01/21/2022
 Supervised By :Mahesh Dadoda 01/21/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	271827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	459730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	429902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	209884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197284	56.405	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.800%			
35) Dibromofluoromethane	7.914	113	172102	56.645	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.300%			
50) Toluene-d8	10.338	98	644385	56.658	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.320%			
62) 4-Bromofluorobenzene	12.620	95	224165	55.935	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	39453	18.812	ug/l	100
3) Chloromethane	2.209	50	56775	20.406	ug/l	95
4) Vinyl Chloride	2.350	62	69572	20.585	ug/l	96
5) Bromomethane	2.756	94	49525	21.539	ug/l	95
6) Chloroethane	2.915	64	48473	20.126	ug/l	98
7) Trichlorofluoromethane	3.268	101	98869	20.636	ug/l	95
8) Diethyl Ether	3.715	74	25568	20.290	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	60133	21.473	ug/l	98
10) Methyl Iodide	4.303	142	39485	14.747	ug/l	98
11) Tert butyl alcohol	5.226	59	17287	Below Cal	#	88
12) 1,1-Dichloroethene	4.073	96	47981	19.745	ug/l	96
13) Acrolein	3.920	56	25803	75.584	ug/l	95
14) Allyl chloride	4.715	41	96514	20.030	ug/l	99
15) Acrylonitrile	5.420	53	69347	104.134	ug/l	98
16) Acetone	4.156	43	85959	106.448	ug/l	98
17) Carbon Disulfide	4.409	76	107935	18.002	ug/l	97
18) Methyl Acetate	4.720	43	53803	22.974	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	128160	19.979	ug/l	96
20) Methylene Chloride	4.962	84	74167	23.445	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	52189	18.806	ug/l	92
22) Diisopropyl ether	6.362	45	214287	20.653	ug/l	93
23) Vinyl Acetate	6.303	43	479839m	99.100	ug/l	
24) 1,1-Dichloroethane	6.262	63	119769	20.223	ug/l	97
25) 2-Butanone	7.214	43	97289	101.971	ug/l	91
26) 2,2-Dichloropropane	7.209	77	98185	19.743	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	64750	19.768	ug/l	98
28) Bromochloromethane	7.544	49	53387	18.505	ug/l	97
29) Tetrahydrofuran	7.561	42	57509	104.779	ug/l	97
30) Chloroform	7.708	83	135033	22.297	ug/l	98
31) Cyclohexane	7.985	56	99780	20.797	ug/l	# 95
32) 1,1,1-Trichloroethane	7.903	97	110989	20.793	ug/l	99
36) 1,1-Dichloropropene	8.114	75	87546	20.200	ug/l	99
37) Ethyl Acetate	7.297	43	39144	19.460	ug/l	99
38) Carbon Tetrachloride	8.091	117	91185	20.776	ug/l	96
39) Methylcyclohexane	9.355	83	87464	18.684	ug/l	95
40) Benzene	8.350	78	240198	20.115	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	26370m	21.913	ug/l	
42) 1,2-Dichloroethane	8.420	62	82012	20.289	ug/l	97
43) Isopropyl Acetate	8.450	43	81783	21.599	ug/l	98
44) Trichloroethene	9.108	130	61739	20.090	ug/l	98
45) 1,2-Dichloropropane	9.385	63	67938	21.047	ug/l	98
46) Dibromomethane	9.473	93	33634	20.357	ug/l	95
47) Bromodichloromethane	9.655	83	98054	21.616	ug/l	96
48) Methyl methacrylate	9.455	41	35816	18.719	ug/l	93
49) 1,4-Dioxane	9.461	88	7251	437.740	ug/l #	93
51) 4-Methyl-2-Pentanone	10.226	43	218518	109.258	ug/l	96
52) Toluene	10.397	92	158527	21.091	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	83966	21.101	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	95716	20.400	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	48719	22.493	ug/l	91
56) Ethyl methacrylate	10.655	69	56725	21.366	ug/l	99
57) 1,3-Dichloropropane	10.938	76	82389	20.584	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	73368	50.058	ug/l	98
59) 2-Hexanone	10.979	43	155680	111.446	ug/l	96
60) Dibromochloromethane	11.132	129	61182	22.191	ug/l	97
61) 1,2-Dibromoethane	11.238	107	43841	21.156	ug/l	94
64) Tetrachloroethene	10.867	164	52871	20.937	ug/l	90
65) Chlorobenzene	11.661	112	165495	20.117	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	64421	20.653	ug/l	99
67) Ethyl Benzene	11.738	91	299415	19.825	ug/l	99
68) m/p-Xylenes	11.844	106	229784	40.908	ug/l	98
69) o-Xylene	12.173	106	107321	20.186	ug/l	95
70) Styrene	12.185	104	189734	20.821	ug/l	97
71) Bromoform	12.349	173	33900	22.257	ug/l #	99
73) Isopropylbenzene	12.467	105	288245	19.111	ug/l	98
74) N-amyl acetate	12.279	43	77060	20.828	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	56358	21.086	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	36923m	18.206	ug/l	
77) Bromobenzene	12.755	156	65344	20.056	ug/l	98
78) n-propylbenzene	12.808	91	379280	19.995	ug/l	98
79) 2-Chlorotoluene	12.896	91	215489	20.155	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	250192	19.853	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	14815	20.365	ug/l	97
82) 4-Chlorotoluene	12.996	91	222593	20.068	ug/l	98
83) tert-Butylbenzene	13.214	119	211368	19.628	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	251642	20.192	ug/l	98
85) sec-Butylbenzene	13.391	105	330875	20.061	ug/l	99
86) p-Isopropyltoluene	13.502	119	270512	19.976	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	138130	20.544	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	137490	20.044	ug/l	99
89) n-Butylbenzene	13.832	91	269097	19.843	ug/l	98
90) Hexachloroethane	14.096	117	54308	20.270	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	118191	20.511	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	9381	21.838	ug/l	100
93) 1,2,4-Trichlorobenzene	15.143	180	67581	20.350	ug/l	99
94) Hexachlorobutadiene	15.255	225	40388	20.745	ug/l	98
95) Naphthalene	15.385	128	113301	19.270	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	57894	20.459	ug/l	94

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

