

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012022\
 Data File : VD071759.D
 Acq On : 20 Jan 2022 13:03
 Operator : VA/SY
 Sample : VD0120SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBS02

Quant Time: Jan 21 03:15:29 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	301504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	508976	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.638	117	470332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	229156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	206416	53.207	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.420%			
35) Dibromofluoromethane	7.909	113	174260	51.806	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.620%			
50) Toluene-d8	10.332	98	660088	52.424	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.840%			
62) 4-Bromofluorobenzene	12.620	95	227267	51.222	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	46670	20.099	ug/l	99
3) Chloromethane	2.209	50	61174	19.792	ug/l	97
4) Vinyl Chloride	2.350	62	77265	20.611	ug/l	95
5) Bromomethane	2.750	94	52706	20.638	ug/l	94
6) Chloroethane	2.915	64	53030	19.850	ug/l	96
7) Trichlorofluoromethane	3.268	101	109147	20.539	ug/l	100
8) Diethyl Ether	3.709	74	28498	20.389	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	61351	19.752	ug/l	96
10) Methyl Iodide	4.297	142	47354	15.945	ug/l	98
11) Tert butyl alcohol	5.215	59	32034	118.686	ug/l #	81
12) 1,1-Dichloroethene	4.062	96	51411	19.074	ug/l	97
13) Acrolein	3.921	56	30784	81.299	ug/l	96
14) Allyl chloride	4.709	41	106307	19.891	ug/l	98
15) Acrylonitrile	5.420	53	83860	113.532	ug/l	99
16) Acetone	4.156	43	111201	124.153	ug/l	95
17) Carbon Disulfide	4.409	76	120055	18.051	ug/l	99
18) Methyl Acetate	4.721	43	65579	25.288	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	145917	20.508	ug/l	100
20) Methylene Chloride	4.962	84	68851	19.170	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	59467	19.319	ug/l	96
22) Diisopropyl ether	6.356	45	232789	20.228	ug/l	96
23) Vinyl Acetate	6.303	43	540871	100.710	ug/l	97
24) 1,1-Dichloroethane	6.262	63	131855	20.072	ug/l	98
25) 2-Butanone	7.209	43	125864	118.936	ug/l	92
26) 2,2-Dichloropropane	7.203	77	111577	20.228	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	73910	20.344	ug/l	99
28) Bromochloromethane	7.544	49	58869	18.396	ug/l	98
29) Tetrahydrofuran	7.556	42	67737	111.266	ug/l	98
30) Chloroform	7.709	83	138403	20.604	ug/l	98
31) Cyclohexane	7.979	56	104439	19.644	ug/l #	89
32) 1,1,1-Trichloroethane	7.897	97	121298	20.488	ug/l	98
36) 1,1-Dichloropropene	8.109	75	95671	19.939	ug/l	99
37) Ethyl Acetate	7.291	43	50751	22.790	ug/l	95
38) Carbon Tetrachloride	8.091	117	100901	20.765	ug/l	98
39) Methylcyclohexane	9.350	83	96716	18.661	ug/l	95
40) Benzene	8.344	78	261189	19.757	ug/l	98

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41) Methacrylonitrile	7.514	41	25497	19.281	ug/l #	84
42) 1,2-Dichloroethane	8.420	62	93943	20.992	ug/l	99
43) Isopropyl Acetate	8.450	43	93856	22.390	ug/l	98
44) Trichloroethene	9.108	130	66117	19.433	ug/l	93
45) 1,2-Dichloropropane	9.379	63	71880	20.113	ug/l	95
46) Dibromomethane	9.473	93	38305	20.941	ug/l	96
47) Bromodichloromethane	9.656	83	107398	21.385	ug/l	100
48) Methyl methacrylate	9.456	41	44321	20.922	ug/l	96
49) 1,4-Dioxane	9.461	88	9226	503.080	ug/l #	83
51) 4-Methyl-2-Pentanone	10.220	43	257695	116.380	ug/l	99
52) Toluene	10.397	92	175282	21.064	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	92863	21.079	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	106554	20.513	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	53257	22.209	ug/l	96
56) Ethyl methacrylate	10.655	69	62569	21.286	ug/l	98
57) 1,3-Dichloropropane	10.938	76	93877	21.185	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	168874	104.072	ug/l	98
59) 2-Hexanone	10.979	43	181424	117.309	ug/l	99
60) Dibromochloromethane	11.132	129	67893	22.243	ug/l	97
61) 1,2-Dibromoethane	11.244	107	48522	21.149	ug/l	98
64) Tetrachloroethene	10.873	164	54090	19.578	ug/l	95
65) Chlorobenzene	11.661	112	181304	20.144	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	68999	20.219	ug/l	96
67) Ethyl Benzene	11.738	91	326977	19.789	ug/l	100
68) m/p-Xylenes	11.844	106	248692	40.469	ug/l	96
69) o-Xylene	12.173	106	112783	19.390	ug/l	97
70) Styrene	12.185	104	210018	21.065	ug/l	98
71) Bromoform	12.350	173	38218	22.935	ug/l #	98
73) Isopropylbenzene	12.473	105	317835	19.300	ug/l	99
74) N-amyl acetate	12.279	43	88874	22.001	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	66215	22.691	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	42500m	19.194	ug/l	
77) Bromobenzene	12.749	156	71808	20.187	ug/l	98
78) n-propylbenzene	12.808	91	409962	19.794	ug/l	99
79) 2-Chlorotoluene	12.897	91	228286	19.557	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	272380	19.796	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	18289	23.027	ug/l	92
82) 4-Chlorotoluene	12.997	91	241032	19.903	ug/l	99
83) tert-Butylbenzene	13.214	119	227880	19.382	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	268326	19.720	ug/l	99
85) sec-Butylbenzene	13.391	105	357320	19.842	ug/l	100
86) p-Isopropyltoluene	13.502	119	290779	19.667	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	146364	19.938	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	147616	19.710	ug/l	99
89) n-Butylbenzene	13.832	91	288480	19.483	ug/l	99
90) Hexachloroethane	14.102	117	59228	20.247	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	130386	20.724	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	10912	23.266	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	75435	20.805	ug/l	98
94) Hexachlorobutadiene	15.249	225	41253	19.408	ug/l	98
95) Naphthalene	15.385	128	135059	21.039	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	65431	21.178	ug/l	98

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

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