

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012422\
 Data File : VD071774.D
 Acq On : 24 Jan 2022 12:48
 Operator : VA/SY
 Sample : VD0124SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBS01

Quant Time: Jan 25 04:10:51 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 01/25/2022
 Supervised By :Mahesh Dadoda 01/25/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	274279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	474688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	448082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	221776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	217590	61.654	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.300%			
35) Dibromofluoromethane	7.914	113	195427	62.296	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 124.600%			
50) Toluene-d8	10.338	98	706031	60.123	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 120.240%			
62) 4-Bromofluorobenzene	12.626	95	252553	61.033	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 122.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	38529	18.189	ug/l	95
3) Chloromethane	2.215	50	53887	19.131	ug/l	98
4) Vinyl Chloride	2.350	62	61866	18.141	ug/l	98
5) Bromomethane	2.762	94	45911	19.732	ug/l	97
6) Chloroethane	2.921	64	47783	19.662	ug/l	96
7) Trichlorofluoromethane	3.279	101	96613	19.985	ug/l	100
8) Diethyl Ether	3.720	74	25965	20.421	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.103	101	60124	21.278	ug/l	97
10) Methyl Iodide	4.303	142	42726	15.815	ug/l	98
11) Tert butyl alcohol	5.203	59	34411	167.443	ug/l #	85
12) 1,1-Dichloroethene	4.068	96	46588	19.000	ug/l	90
13) Acrolein	3.920	56	21824	63.357	ug/l	95
14) Allyl chloride	4.726	41	95359	19.613	ug/l	96
15) Acrylonitrile	5.426	53	75447	112.281	ug/l	99
16) Acetone	4.156	43	79613	97.708	ug/l	91
17) Carbon Disulfide	4.409	76	105296	17.420	ug/l	99
18) Methyl Acetate	4.726	43	57115	24.192	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	137051	21.174	ug/l	91
20) Methylene Chloride	4.973	84	67770	20.970	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	54418	19.434	ug/l	93
22) Diisopropyl ether	6.367	45	228269	21.804	ug/l	97
23) Vinyl Acetate	6.309	43	496908	101.708	ug/l	99
24) 1,1-Dichloroethane	6.262	63	127176	21.282	ug/l	98
25) 2-Butanone	7.209	43	109104	113.332	ug/l	96
26) 2,2-Dichloropropane	7.209	77	107809	21.484	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	69676	21.082	ug/l	99
28) Bromochloromethane	7.550	49	54443	18.702	ug/l	93
29) Tetrahydrofuran	7.561	42	59462	107.368	ug/l	98
30) Chloroform	7.708	83	138515	22.667	ug/l	96
31) Cyclohexane	7.985	56	96452	19.937	ug/l #	88
32) 1,1,1-Trichloroethane	7.908	97	115661	21.475	ug/l	96
36) 1,1-Dichloropropene	8.114	75	89096	19.910	ug/l	98
37) Ethyl Acetate	7.291	43	42259	20.347	ug/l	97
38) Carbon Tetrachloride	8.097	117	94752	20.908	ug/l	98
39) Methylcyclohexane	9.355	83	86503	17.896	ug/l	99
40) Benzene	8.350	78	252376	20.469	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	27594	22.193	ug/l #	87
42) 1,2-Dichloroethane	8.426	62	89837	21.525	ug/l	99
43) Isopropyl Acetate	8.450	43	85529	21.877	ug/l	99
44) Trichloroethene	9.108	130	65968	20.790	ug/l	91
45) 1,2-Dichloropropane	9.385	63	71685	21.508	ug/l	97
46) Dibromomethane	9.473	93	36511	21.402	ug/l	99
47) Bromodichloromethane	9.655	83	105599	22.546	ug/l	98
48) Methyl methacrylate	9.455	41	38099	19.284	ug/l	94
49) 1,4-Dioxane	9.461	88	7684	449.262	ug/l #	75
51) 4-Methyl-2-Pentanone	10.226	43	228123	110.466	ug/l	98
52) Toluene	10.397	92	167750	21.615	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	88724	21.594	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	101575	20.967	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	50255	22.471	ug/l	91
56) Ethyl methacrylate	10.655	69	55986	20.423	ug/l	96
57) 1,3-Dichloropropane	10.944	76	88217	21.345	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	160310	105.931	ug/l	99
59) 2-Hexanone	10.979	43	153228	106.234	ug/l	100
60) Dibromochloromethane	11.138	129	63851	22.430	ug/l	97
61) 1,2-Dibromoethane	11.238	107	46608	21.782	ug/l	98
64) Tetrachloroethene	10.873	164	53628	20.375	ug/l	95
65) Chlorobenzene	11.667	112	174806	20.387	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	68026	20.923	ug/l	98
67) Ethyl Benzene	11.738	91	316552	20.109	ug/l	100
68) m/p-Xylenes	11.849	106	234182	40.000	ug/l	98
69) o-Xylene	12.173	106	111152	20.059	ug/l	97
70) Styrene	12.191	104	192907	20.310	ug/l	98
71) Bromoform	12.355	173	35616	22.435	ug/l #	99
73) Isopropylbenzene	12.473	105	309019	19.389	ug/l	98
74) N-amyl acetate	12.285	43	79681	20.382	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	60473	21.413	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	40456m	18.878	ug/l	
77) Bromobenzene	12.749	156	69895	20.303	ug/l	99
78) n-propylbenzene	12.814	91	389585	19.437	ug/l	99
79) 2-Chlorotoluene	12.896	91	224381	19.862	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	263579	19.794	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	16182	21.052	ug/l	90
82) 4-Chlorotoluene	12.996	91	236289	20.161	ug/l	99
83) tert-Butylbenzene	13.214	119	218909	19.239	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	258671	19.643	ug/l	99
85) sec-Butylbenzene	13.391	105	344986	19.795	ug/l	100
86) p-Isopropyltoluene	13.508	119	281676	19.685	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	144037	20.274	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	143998	19.867	ug/l	99
89) n-Butylbenzene	13.832	91	282717	19.729	ug/l	98
90) Hexachloroethane	14.102	117	58113	20.527	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	125127	20.550	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	10018	22.070	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	70766	20.167	ug/l	99
94) Hexachlorobutadiene	15.255	225	40988	19.925	ug/l	96
95) Naphthalene	15.385	128	123048	19.805	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	60453	20.218	ug/l	95

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

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