

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012422\
 Data File : VD071775.D
 Acq On : 24 Jan 2022 13:16
 Operator : VA/SY
 Sample : VD0124SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/25/2022

Quant Time: Jan 25 04:11:11 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

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	278277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	475724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	447285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	223086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	194467	54.311	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.620%			
35) Dibromofluoromethane	7.914	113	170943	54.372	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.740%			
50) Toluene-d8	10.338	98	621278	52.790	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.580%			
62) 4-Bromofluorobenzene	12.626	95	221339	53.373	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	40434	18.833	ug/l	97
3) Chloromethane	2.215	50	52164	18.205	ug/l	98
4) Vinyl Chloride	2.350	62	62347	18.020	ug/l	95
5) Bromomethane	2.762	94	47976	20.344	ug/l	93
6) Chloroethane	2.920	64	46345	18.796	ug/l	92
7) Trichlorofluoromethane	3.273	101	98956	20.175	ug/l	95
8) Diethyl Ether	3.709	74	27280	21.147	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	59791	20.856	ug/l	98
10) Methyl Iodide	4.303	142	44349	16.180	ug/l	99
11) Tert butyl alcohol	5.203	59	26639	90.359	ug/l #	88
12) 1,1-Dichloroethene	4.067	96	51031	20.513	ug/l	96
13) Acrolein	3.926	56	20913	59.840	ug/l	99
14) Allyl chloride	4.714	41	102856	20.851	ug/l	97
15) Acrylonitrile	5.414	53	74257	108.922	ug/l	99
16) Acetone	4.156	43	79635	96.331	ug/l	93
17) Carbon Disulfide	4.414	76	107006	17.448	ug/l	98
18) Methyl Acetate	4.714	43	55897	23.321	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	138396	21.075	ug/l	96
20) Methylene Chloride	4.973	84	65628	19.889	ug/l	93
21) trans-1,2-Dichloroethene	5.485	96	55003	19.361	ug/l	95
22) Diisopropyl ether	6.373	45	231509	21.796	ug/l #	96
23) Vinyl Acetate	6.308	43	510770	103.043	ug/l	100
24) 1,1-Dichloroethane	6.267	63	129808	21.410	ug/l	97
25) 2-Butanone	7.214	43	107613	110.178	ug/l	93
26) 2,2-Dichloropropane	7.208	77	106515	20.922	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	69360	20.685	ug/l	97
28) Bromochloromethane	7.544	49	54900	18.588	ug/l	95
29) Tetrahydrofuran	7.561	42	58821	104.685	ug/l	98
30) Chloroform	7.708	83	137228	22.134	ug/l	99
31) Cyclohexane	7.985	56	95408	19.446	ug/l #	93
32) 1,1,1-Trichloroethane	7.902	97	116160	21.258	ug/l	97
36) 1,1-Dichloropropene	8.114	75	88036	19.630	ug/l	99
37) Ethyl Acetate	7.291	43	44696	21.474	ug/l #	75
38) Carbon Tetrachloride	8.097	117	94516	20.811	ug/l	95
39) Methylcyclohexane	9.355	83	85001	17.547	ug/l	92
40) Benzene	8.350	78	251217	20.331	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	27662	22.199	ug/l	96
42) 1,2-Dichloroethane	8.420	62	86568	20.697	ug/l	99
43) Isopropyl Acetate	8.450	43	85718	21.877	ug/l	99
44) Trichloroethene	9.114	130	65082	20.466	ug/l	96
45) 1,2-Dichloropropane	9.385	63	71395	21.374	ug/l	90
46) Dibromomethane	9.479	93	36047	21.084	ug/l	98
47) Bromodichloromethane	9.661	83	106457	22.679	ug/l #	94
48) Methyl methacrylate	9.455	41	40844	20.629	ug/l	98
49) 1,4-Dioxane	9.455	88	7775	453.593	ug/l #	82
51) 4-Methyl-2-Pentanone	10.226	43	226409	109.398	ug/l	98
52) Toluene	10.402	92	171080	21.996	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	88283	21.440	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	105510	21.732	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	51651	23.045	ug/l	94
56) Ethyl methacrylate	10.655	69	59011	21.479	ug/l	99
57) 1,3-Dichloropropane	10.943	76	89411	21.587	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	163799	108.001	ug/l	98
59) 2-Hexanone	10.979	43	152002	105.155	ug/l	97
60) Dibromochloromethane	11.138	129	64171	22.493	ug/l	98
61) 1,2-Dibromoethane	11.238	107	45706	21.314	ug/l	98
64) Tetrachloroethene	10.873	164	51873	19.743	ug/l	98
65) Chlorobenzene	11.667	112	176709	20.645	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	70376	21.685	ug/l	96
67) Ethyl Benzene	11.738	91	316653	20.152	ug/l	98
68) m/p-Xylenes	11.849	106	241106	41.256	ug/l	96
69) o-Xylene	12.173	106	110120	19.908	ug/l	98
70) Styrene	12.190	104	199715	21.064	ug/l	99
71) Bromoform	12.349	173	33722	21.280	ug/l #	99
73) Isopropylbenzene	12.473	105	311679	19.441	ug/l	99
74) N-amyl acetate	12.279	43	79175	20.133	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	57718	20.317	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	52472m	24.342	ug/l	
77) Bromobenzene	12.755	156	68948	19.910	ug/l	97
78) n-propylbenzene	12.814	91	391100	19.398	ug/l	99
79) 2-Chlorotoluene	12.896	91	222180	19.551	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	270002	20.157	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	16297	21.077	ug/l	99
82) 4-Chlorotoluene	12.996	91	237570	20.151	ug/l	99
83) tert-Butylbenzene	13.214	119	223510	19.528	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	263790	19.914	ug/l	99
85) sec-Butylbenzene	13.396	105	342313	19.526	ug/l	99
86) p-Isopropyltoluene	13.508	119	284381	19.758	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	144383	20.203	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	144964	19.883	ug/l	99
89) n-Butylbenzene	13.832	91	280592	19.466	ug/l	99
90) Hexachloroethane	14.102	117	58806	20.650	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	127649	20.841	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	9806	21.476	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	73249	20.752	ug/l	98
94) Hexachlorobutadiene	15.249	225	41814	20.207	ug/l	100
95) Naphthalene	15.384	128	125686	20.111	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	62274	20.705	ug/l	96

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

