

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069341.D
 Acq On : 04 Jun 2021 12:33
 Operator : VA/SY
 Sample : VD0604SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0604SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 7:14:51 PM

Quant Time: Jun 05 00:33:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	417455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	697548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	655528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	321402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	185522	46.316	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.640%
35) Dibromofluoromethane	7.914	113	199750	45.600	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.200%
50) Toluene-d8	10.338	98	718790	45.125	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.240%
62) 4-Bromofluorobenzene	12.626	95	243690	46.689	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	79313	18.049	ug/l	97
3) Chloromethane	2.209	50	72002	21.705	ug/l	99
4) Vinyl Chloride	2.350	62	69991	20.710	ug/l	100
5) Bromomethane	2.756	94	55754	22.613	ug/l	95
6) Chloroethane	2.914	64	42459	22.017	ug/l	96
7) Trichlorofluoromethane	3.273	101	158580	20.174	ug/l	100
8) Diethyl Ether	3.703	74	37770	19.558	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	92189	19.916	ug/l	99
10) Methyl Iodide	4.303	142	75690	17.720	ug/l	99
11) Tert butyl alcohol	5.232	59	33064m	121.152	ug/l	
12) 1,1-Dichloroethene	4.067	96	82697	19.751	ug/l	94
13) Acrolein	3.920	56	20111	87.193	ug/l	97
14) Allyl chloride	4.714	41	95598	18.923	ug/l	97
15) Acrylonitrile	5.426	53	75056	99.695	ug/l	96
16) Acetone	4.162	43	63929	91.457	ug/l	99
17) Carbon Disulfide	4.403	76	259968	18.776	ug/l	99
18) Methyl Acetate	4.720	43	36556	19.325	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	151957	19.761	ug/l	95
20) Methylene Chloride	4.967	84	125704	20.601	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	99183	20.001	ug/l	97
22) Diisopropyl ether	6.367	45	198083	20.415	ug/l #	90
23) Vinyl Acetate	6.308	43	504866	89.264	ug/l	99
24) 1,1-Dichloroethane	6.261	63	161114	19.844	ug/l	98
25) 2-Butanone	7.214	43	86038	93.540	ug/l	99
26) 2,2-Dichloropropane	7.208	77	141254	18.880	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	104548	19.904	ug/l	98
28) Bromochloromethane	7.550	49	57235	20.332	ug/l	97
29) Tetrahydrofuran	7.567	42	48343	91.442	ug/l	99
30) Chloroform	7.714	83	179951	20.273	ug/l	97
31) Cyclohexane	7.985	56	120742	18.971	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	161591	20.172	ug/l	98
36) 1,1-Dichloropropene	8.114	75	130332	19.222	ug/l	100
37) Ethyl Acetate	7.297	43	42405	18.420	ug/l	96
38) Carbon Tetrachloride	8.097	117	137111	18.730	ug/l	95
39) Methylcyclohexane	9.355	83	128183	18.481	ug/l	96
40) Benzene	8.350	78	379267	19.260	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	21946	19.635	ug/l	89
42) 1,2-Dichloroethane	8.426	62	103877	19.767	ug/l	100
43) Isopropyl Acetate	8.450	43	80907	19.310	ug/l	99
44) Trichloroethene	9.114	130	106631	19.930	ug/l	95
45) 1,2-Dichloropropane	9.385	63	91741	19.568	ug/l	98
46) Dibromomethane	9.473	93	50633	18.895	ug/l	91
47) Bromodichloromethane	9.661	83	135325	19.584	ug/l	94
48) Methyl methacrylate	9.455	41	34176	17.569	ug/l	88
49) 1,4-Dioxane	9.467	88	10052	381.865	ug/l	95
51) 4-Methyl-2-Pentanone	10.232	43	199813	92.332	ug/l	100
52) Toluene	10.402	92	250815	20.179	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	118161	19.147	ug/l	97
54) cis-1,3-Dichloropropene	10.091	75	141852	19.279	ug/l	97
55) 1,1,2-Trichloroethane	10.796	97	75482	20.306	ug/l	96
56) Ethyl methacrylate	10.661	69	69954	18.268	ug/l	99
57) 1,3-Dichloropropane	10.943	76	119221	19.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	186079	106.908	ug/l	100
59) 2-Hexanone	10.985	43	132048	91.281	ug/l	98
60) Dibromochloromethane	11.138	129	93303	19.920	ug/l	98
61) 1,2-Dibromoethane	11.243	107	69349	19.558	ug/l	100
64) Tetrachloroethene	10.873	164	94211	20.647	ug/l	94
65) Chlorobenzene	11.667	112	267916	20.000	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	98380	19.601	ug/l	98
67) Ethyl Benzene	11.743	91	436804	18.979	ug/l	99
68) m/p-Xylenes	11.849	106	357653	39.658	ug/l	100
69) o-Xylene	12.179	106	156582	19.631	ug/l	99
70) Styrene	12.190	104	279985	20.221	ug/l	99
71) Bromoform	12.355	173	53484	20.545	ug/l #	99
73) Isopropylbenzene	12.473	105	419390	19.066	ug/l	100
74) N-amyl acetate	12.285	43	69538	17.901	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.726	83	77917	18.975	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	48520m	17.375	ug/l	
77) Bromobenzene	12.755	156	104869	19.797	ug/l	98
78) n-propylbenzene	12.814	91	526093	19.502	ug/l	100
79) 2-Chlorotoluene	12.902	91	300836	19.618	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	372457	19.993	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	21561	17.110	ug/l	92
82) 4-Chlorotoluene	13.002	91	323048	20.024	ug/l	100
83) tert-Butylbenzene	13.220	119	303459	19.451	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	365316	19.718	ug/l	98
85) sec-Butylbenzene	13.396	105	446048	19.371	ug/l	100
86) p-Isopropyltoluene	13.508	119	386091	19.176	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	210435	19.630	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	212324	19.872	ug/l	98
89) n-Butylbenzene	13.837	91	353377	18.759	ug/l	99
90) Hexachloroethane	14.102	117	71971	18.817	ug/l	99
91) 1,2-Dichlorobenzene	13.885	146	185963	20.131	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	11136	17.024	ug/l	93
93) 1,2,4-Trichlorobenzene	15.155	180	107163	19.335	ug/l	97
94) Hexachlorobutadiene	15.255	225	66597	19.138	ug/l	97
95) Naphthalene	15.390	128	171610	17.915	ug/l	98
96) 1,2,3-Trichlorobenzene	15.584	180	94395	19.351	ug/l	98

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

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