

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060121\
 Data File : VD069284.D
 Acq On : 01 Jun 2021 15:36
 Operator : VA/SY
 Sample : VD0601SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0601SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/2/2021 6:46:39 PM

Quant Time: Jun 02 02:25:58 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	447243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	743653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	691641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	334896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	198074	46.16	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.32%		
35) Dibromofluoromethane	7.914	113	212994	45.61	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.22%		
50) Toluene-d8	10.338	98	781791	46.04	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.08%		
62) 4-Bromofluorobenzene	12.626	95	259702	46.67	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.34%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	91015	19.33	ug/l	96
3) Chloromethane	2.209	50	72155	20.30	ug/l	98
4) Vinyl Chloride	2.350	62	68107	18.81	ug/l	100
5) Bromomethane	2.756	94	55250	20.92	ug/l	100
6) Chloroethane	2.915	64	38025	18.40	ug/l	100
7) Trichlorofluoromethane	3.273	101	164918	19.58	ug/l	95
8) Diethyl Ether	3.703	74	43070	20.82	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	95656	19.29	ug/l	98
10) Methyl Iodide	4.297	142	75397	16.65	ug/l	97
11) Tert butyl alcohol	5.220	59	44867m	161.25	ug/l	
12) 1,1-Dichloroethene	4.067	96	87408	19.49	ug/l	99
13) Acrolein	3.926	56	22571	90.53	ug/l	98
14) Allyl chloride	4.714	41	107948	19.94	ug/l	95
15) Acrylonitrile	5.426	53	82627	102.44	ug/l	97
16) Acetone	4.156	43	77624	103.65	ug/l	97
17) Carbon Disulfide	4.409	76	283908	19.14	ug/l	98
18) Methyl Acetate	4.714	43	40689	20.08	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	166629	20.23	ug/l	97
20) Methylene Chloride	4.962	84	157017	25.32	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	102245	19.24	ug/l	89
22) Diisopropyl ether	6.361	45	213332	20.52	ug/l	91
23) Vinyl Acetate	6.303	43	590051	96.32	ug/l	99
24) 1,1-Dichloroethane	6.261	63	171340	19.70	ug/l	98
25) 2-Butanone	7.208	43	99002	100.47	ug/l	97
26) 2,2-Dichloropropane	7.208	77	157787	19.68	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	111041	19.73	ug/l	99
28) Bromochloromethane	7.544	49	58818	19.50	ug/l	95
29) Tetrahydrofuran	7.561	42	58402	103.11	ug/l	98
30) Chloroform	7.708	83	185200	19.47	ug/l	98
31) Cyclohexane	7.985	56	127587	18.71	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	167882	19.56	ug/l	100
36) 1,1-Dichloropropene	8.108	75	134488	18.61	ug/l	96
37) Ethyl Acetate	7.297	43	47060	19.17	ug/l	98
38) Carbon Tetrachloride	8.097	117	146935	18.83	ug/l	98
39) Methylcyclohexane	9.355	83	142606	19.29	ug/l	96
40) Benzene	8.350	78	402579	19.18	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	17957m	15.07	ug/l	
42) 1,2-Dichloroethane	8.426	62	106857	19.07	ug/l	100
43) Isopropyl Acetate	8.450	43	85911	19.23	ug/l	97
44) Trichloroethene	9.114	130	111216	19.50	ug/l	94
45) 1,2-Dichloropropane	9.391	63	94584	18.92	ug/l	98
46) Dibromomethane	9.473	93	54600	19.11	ug/l	95
47) Bromodichloromethane	9.661	83	142827	19.39	ug/l	93
48) Methyl methacrylate	9.455	41	39606	19.10	ug/l	88
49) 1,4-Dioxane	9.467	88	11374	405.30	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	225795	97.87	ug/l	100
52) Toluene	10.402	92	259534	19.59	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	126019	19.15	ug/l	97
54) cis-1,3-Dichloropropene	10.091	75	153942	19.63	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	77369	19.52	ug/l	98
56) Ethyl methacrylate	10.655	69	79540	19.31	ug/l	98
57) 1,3-Dichloropropane	10.944	76	125039	19.46	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	196948	106.14	ug/l	100
59) 2-Hexanone	10.985	43	149353	96.84	ug/l	98
60) Dibromochloromethane	11.138	129	98111	19.65	ug/l	95
61) 1,2-Dibromoethane	11.244	107	73747	19.51	ug/l	98
64) Tetrachloroethene	10.879	164	91172	18.94	ug/l	95
65) Chlorobenzene	11.667	112	274541	19.42	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	103799	19.60	ug/l	98
67) Ethyl Benzene	11.744	91	473495	19.50	ug/l	97
68) m/p-Xylenes	11.849	106	369063	38.79	ug/l	98
69) o-Xylene	12.179	106	163934	19.48	ug/l	98
70) Styrene	12.191	104	295816	20.25	ug/l	99
71) Bromoform	12.355	173	54224	19.74	ug/l #	97
73) Isopropylbenzene	12.479	105	449160	19.60	ug/l	99
74) N-amyl acetate	12.285	43	79491	19.64	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	83718	19.57	ug/l	97
76) 1,2,3-Trichloropropane	12.779	75	51747m	17.78	ug/l	
77) Bromobenzene	12.755	156	106077	19.22	ug/l	98
78) n-propylbenzene	12.814	91	555461	19.76	ug/l	98
79) 2-Chlorotoluene	12.902	91	309051	19.34	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	380622	19.61	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	24786	18.88	ug/l	93
82) 4-Chlorotoluene	13.002	91	330852	19.68	ug/l	99
83) tert-Butylbenzene	13.220	119	313227	19.27	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	381870	19.78	ug/l	100
85) sec-Butylbenzene	13.396	105	476883	19.88	ug/l	100
86) p-Isopropyltoluene	13.508	119	412560	19.66	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	212790	19.05	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	217083	19.50	ug/l	98
89) n-Butylbenzene	13.838	91	376217	19.17	ug/l	99
90) Hexachloroethane	14.108	117	75518	18.95	ug/l	96
91) 1,2-Dichlorobenzene	13.885	146	185358	19.26	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	13219	19.39	ug/l	93
93) 1,2,4-Trichlorobenzene	15.155	180	111679	19.34	ug/l	100
94) Hexachlorobutadiene	15.255	225	67525	18.62	ug/l	98
95) Naphthalene	15.390	128	192156	19.01	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	96737	19.03	ug/l	98

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

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