

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069017.D
 Acq On : 29 Apr 2021 14:41
 Operator : VA/SY
 Sample : VD0429SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0429SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/30/2021 11:02:41 AM

Quant Time: Apr 30 02:56:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	242540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	398983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	388065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	195949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	127133	49.60	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.20%		
35) Dibromofluoromethane	7.914	113	142644	54.97	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	109.94%		
50) Toluene-d8	10.338	98	514169	52.52	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.04%		
62) 4-Bromofluorobenzene	12.632	95	172510	53.06	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	106.12%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	46122	19.19	ug/l	96
3) Chloromethane	2.209	50	55537	19.66	ug/l	94
4) Vinyl Chloride	2.350	62	73814	20.80	ug/l	98
5) Bromomethane	2.756	94	64264	24.22	ug/l	100
6) Chloroethane	2.914	64	50111	21.48	ug/l	100
7) Trichlorofluoromethane	3.267	101	93428	22.37	ug/l	96
8) Diethyl Ether	3.709	74	24138	21.40	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	55622	22.07	ug/l	98
10) Methyl Iodide	4.303	142	51058	18.78	ug/l	94
11) Tert butyl alcohol	5.214	59	17700	113.81	ug/l #	73
12) 1,1-Dichloroethene	4.067	96	49745	20.49	ug/l	96
13) Acrolein	3.920	56	6020	59.67	ug/l #	81
14) Allyl chloride	4.714	41	51033	18.65	ug/l	93
15) Acrylonitrile	5.420	53	47915	94.66	ug/l	95
16) Acetone	4.150	43	33857	95.38	ug/l #	85
17) Carbon Disulfide	4.408	76	152718	19.44	ug/l	100
18) Methyl Acetate	4.714	43	18617	19.09	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	108934	20.22	ug/l	100
20) Methylene Chloride	4.961	84	66254	20.17	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	62688	20.11	ug/l	97
22) Diisopropyl ether	6.361	45	123926	18.69	ug/l #	89
23) Vinyl Acetate	6.308	43	325525	92.66	ug/l	95
24) 1,1-Dichloroethane	6.261	63	100103	20.03	ug/l	97
25) 2-Butanone	7.214	43	50040	99.62	ug/l	94
26) 2,2-Dichloropropane	7.208	77	87639	21.47	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	72377	23.36	ug/l	93
28) Bromochloromethane	7.549	49	32002	17.74	ug/l	87
29) Tetrahydrofuran	7.555	42	31939	94.55	ug/l	95
30) Chloroform	7.708	83	119923	21.92	ug/l	92
31) Cyclohexane	7.979	56	73257	17.18	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	96133	20.11	ug/l	97
36) 1,1-Dichloropropene	8.108	75	80104	19.83	ug/l	97
37) Ethyl Acetate	7.291	43	25217	21.26	ug/l	96
38) Carbon Tetrachloride	8.097	117	86079	21.53	ug/l	94
39) Methylcyclohexane	9.355	83	85450	18.14	ug/l	96
40) Benzene	8.349	78	247717	20.96	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	11306	16.10	ug/l #	66
42) 1,2-Dichloroethane	8.420	62	66675	21.34	ug/l	99
43) Isopropyl Acetate	8.449	43	47961	19.83	ug/l	96
44) Trichloroethene	9.114	130	72949	22.35	ug/l	84
45) 1,2-Dichloropropane	9.385	63	59407	21.05	ug/l	100
46) Dibromomethane	9.473	93	35283	22.44	ug/l	92
47) Bromodichloromethane	9.661	83	92127	22.43	ug/l	98
48) Methyl methacrylate	9.455	41	21465	18.01	ug/l #	80
49) 1,4-Dioxane	9.461	88	7412	445.22	ug/l	91
51) 4-Methyl-2-Pentanone	10.226	43	124773	102.37	ug/l	99
52) Toluene	10.402	92	164085	21.93	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	77785	21.36	ug/l	95
54) cis-1,3-Dichloropropene	10.091	75	94006	21.58	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	49747	22.37	ug/l	94
56) Ethyl methacrylate	10.661	69	47207	20.63	ug/l	96
57) 1,3-Dichloropropane	10.943	76	77836	21.26	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	101658	94.75	ug/l	94
59) 2-Hexanone	10.985	43	80517	98.73	ug/l	100
60) Dibromochloromethane	11.138	129	65923	23.65	ug/l	100
61) 1,2-Dibromoethane	11.243	107	47795	22.12	ug/l	98
64) Tetrachloroethene	10.873	164	59062	21.71	ug/l	97
65) Chlorobenzene	11.667	112	183590	21.85	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	69978	23.17	ug/l	99
67) Ethyl Benzene	11.743	91	300393	20.65	ug/l	100
68) m/p-Xylenes	11.849	106	238528	42.50	ug/l	95
69) o-Xylene	12.179	106	109186	21.39	ug/l	94
70) Styrene	12.190	104	194147	21.83	ug/l	97
71) Bromoform	12.361	173	37644	23.26	ug/l #	100
73) Isopropylbenzene	12.479	105	285285	19.94	ug/l	98
74) N-amyl acetate	12.285	43	41554	17.13	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.726	83	54700	20.45	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	42509m	23.75	ug/l	
77) Bromobenzene	12.755	156	74760	21.74	ug/l	91
78) n-propylbenzene	12.814	91	337380	19.41	ug/l	99
79) 2-Chlorotoluene	12.902	91	192900	19.87	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	241577	20.20	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	14515	18.82	ug/l	94
82) 4-Chlorotoluene	13.002	91	207126	20.13	ug/l	95
83) tert-Butylbenzene	13.220	119	194976	19.21	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	246685	20.42	ug/l	99
85) sec-Butylbenzene	13.396	105	279444	19.51	ug/l	98
86) p-Isopropyltoluene	13.514	119	254703	19.47	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	143992	21.13	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	140737	20.87	ug/l	99
89) n-Butylbenzene	13.837	91	225779	18.33	ug/l	99
90) Hexachloroethane	14.108	117	53511	20.54	ug/l	95
91) 1,2-Dichlorobenzene	13.884	146	125915	21.35	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8195	20.16	ug/l	94
93) 1,2,4-Trichlorobenzene	15.155	180	75606	20.72	ug/l	98
94) Hexachlorobutadiene	15.261	225	41768	19.99	ug/l	96
95) Naphthalene	15.396	128	127669	20.09	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	69340	21.73	ug/l	97

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

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