

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
 Data File : VD069296.D
 Acq On : 02 Jun 2021 12:43
 Operator : VA/SY
 Sample : VD0602SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0602SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/3/2021 5:40:00 PM

Quant Time: Jun 03 01:07:18 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	428380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	694845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	665763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	321374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	192278	46.779	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.560%
35) Dibromofluoromethane	7.920	113	204588	46.887	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.780%
50) Toluene-d8	10.338	98	755276	47.600	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.626	95	253083	48.677	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	85083	18.869	ug/l	94
3) Chloromethane	2.209	50	67338	19.781	ug/l	99
4) Vinyl Chloride	2.350	62	68780	19.833	ug/l	97
5) Bromomethane	2.756	94	51891	20.510	ug/l	96
6) Chloroethane	2.921	64	41561	21.002	ug/l	98
7) Trichlorofluoromethane	3.273	101	158290	19.623	ug/l	95
8) Diethyl Ether	3.709	74	37543	18.944	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	94455	19.885	ug/l	98
10) Methyl Iodide	4.303	142	79128	18.006	ug/l	100
11) Tert butyl alcohol	5.215	59	33587	119.635	ug/l #	84
12) 1,1-Dichloroethene	4.068	96	83501	19.434	ug/l	93
13) Acrolein	3.915	56	20049	85.196	ug/l	91
14) Allyl chloride	4.720	41	96362	18.588	ug/l	99
15) Acrylonitrile	5.420	53	72438	93.764	ug/l	98
16) Acetone	4.156	43	69678	97.140	ug/l	91
17) Carbon Disulfide	4.415	76	271390	19.101	ug/l	99
18) Methyl Acetate	4.715	43	36473	18.790	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	148162	18.776	ug/l	99
20) Methylene Chloride	4.968	84	126790	20.116	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	98659	19.388	ug/l	96
22) Diisopropyl ether	6.362	45	206480	20.738	ug/l	96
23) Vinyl Acetate	6.303	43	532950	91.493	ug/l	97
24) 1,1-Dichloroethane	6.267	63	164975	19.801	ug/l	97
25) 2-Butanone	7.214	43	87342	92.536	ug/l	93
26) 2,2-Dichloropropane	7.209	77	148906	19.395	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	107012	19.854	ug/l	98
28) Bromochloromethane	7.550	49	60552	20.961	ug/l	99
29) Tetrahydrofuran	7.562	42	50171	92.480	ug/l	99
30) Chloroform	7.709	83	176588	19.387	ug/l	97
31) Cyclohexane	7.985	56	122182	18.707	ug/l	93
32) 1,1,1-Trichloroethane	7.903	97	164671	20.033	ug/l	98
36) 1,1-Dichloropropene	8.114	75	134240	19.876	ug/l	100
37) Ethyl Acetate	7.291	43	42725	18.631	ug/l #	95
38) Carbon Tetrachloride	8.097	117	148240	20.329	ug/l	93
39) Methylcyclohexane	9.356	83	132612	19.194	ug/l	95
40) Benzene	8.350	78	387686	19.764	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	22814	20.491	ug/l #	83
42) 1,2-Dichloroethane	8.426	62	103029	19.682	ug/l	98
43) Isopropyl Acetate	8.450	43	80421	19.269	ug/l	99
44) Trichloroethene	9.114	130	107638	20.197	ug/l	97
45) 1,2-Dichloropropane	9.391	63	96305	20.621	ug/l	100
46) Dibromomethane	9.479	93	52983	19.849	ug/l	97
47) Bromodichloromethane	9.661	83	139014	20.196	ug/l	99
48) Methyl methacrylate	9.456	41	33194	17.131	ug/l	88
49) 1,4-Dioxane	9.456	88	9539	363.787	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	201390	93.423	ug/l	99
52) Toluene	10.403	92	255551	20.640	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	122012	19.848	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	147659	20.147	ug/l	96
55) 1,1,2-Trichloroethane	10.797	97	74460	20.109	ug/l	95
56) Ethyl methacrylate	10.661	69	71846	18.754	ug/l	98
57) 1,3-Dichloropropane	10.944	76	121208	20.189	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	189142	109.090	ug/l	99
59) 2-Hexanone	10.979	43	133063	92.341	ug/l	100
60) Dibromochloromethane	11.138	129	93432	20.026	ug/l	99
61) 1,2-Dibromoethane	11.244	107	70505	19.962	ug/l	94
64) Tetrachloroethene	10.873	164	90394	19.506	ug/l	97
65) Chlorobenzene	11.667	112	268633	19.745	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	100773	19.769	ug/l	98
67) Ethyl Benzene	11.744	91	448370	19.182	ug/l	99
68) m/p-Xylenes	11.850	106	364835	39.833	ug/l	99
69) o-Xylene	12.179	106	165454	20.425	ug/l	95
70) Styrene	12.191	104	289006	20.552	ug/l	98
71) Bromoform	12.355	173	49808	18.839	ug/l #	95
73) Isopropylbenzene	12.479	105	437103	19.873	ug/l	100
74) N-amyl acetate	12.285	43	69254	17.830	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	75265	18.331	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	47957m	17.175	ug/l	
77) Bromobenzene	12.755	156	104901	19.805	ug/l	98
78) n-propylbenzene	12.814	91	544882	20.200	ug/l	99
79) 2-Chlorotoluene	12.902	91	310144	20.226	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	381676	20.490	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	23951	19.008	ug/l	97
82) 4-Chlorotoluene	13.002	91	325720	20.191	ug/l	100
83) tert-Butylbenzene	13.220	119	309724	19.854	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	380249	20.526	ug/l	98
85) sec-Butylbenzene	13.397	105	466262	20.250	ug/l	100
86) p-Isopropyltoluene	13.508	119	405060	20.120	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	212831	19.855	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	215763	20.196	ug/l	98
89) n-Butylbenzene	13.838	91	370876	19.690	ug/l	99
90) Hexachloroethane	14.102	117	73471	19.211	ug/l	97
91) 1,2-Dichlorobenzene	13.885	146	185422	20.074	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	11261	17.217	ug/l	95
93) 1,2,4-Trichlorobenzene	15.155	180	110279	19.899	ug/l	99
94) Hexachlorobutadiene	15.255	225	67192	19.311	ug/l	95
95) Naphthalene	15.391	128	171829	17.935	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	94953	19.467	ug/l	98

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

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