

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060921\
 Data File : VD069403.D
 Acq On : 09 Jun 2021 14:30
 Operator : VA/SY
 Sample : VD0609SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0609SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/10/2021 4:25:58 PM

Quant Time: Jun 10 04:03:08 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	380008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	635764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	617658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	303435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	184240	50.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.060%	
35) Dibromofluoromethane	7.914	113	204388	51.194	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.380%	
50) Toluene-d8	10.338	98	711901	49.036	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.080%	
62) 4-Bromofluorobenzene	12.626	95	243448	51.175	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.360%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	72984	18.246	ug/l	94
3) Chloromethane	2.209	50	67570	22.376	ug/l	99
4) Vinyl Chloride	2.344	62	86640	28.163	ug/l	99
5) Bromomethane	2.756	94	71232	31.738	ug/l	99
6) Chloroethane	2.915	64	62934	35.851	ug/l	99
7) Trichlorofluoromethane	3.268	101	144143	20.144	ug/l	99
8) Diethyl Ether	3.709	74	36516	20.772	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	83172	19.739	ug/l	97
10) Methyl Iodide	4.297	142	73830	18.809	ug/l	98
11) Tert butyl alcohol	5.215	59	33727	139.285	ug/l #	85
12) 1,1-Dichloroethene	4.062	96	73629	19.318	ug/l	97
13) Acrolein	3.920	56	16037	78.508	ug/l	94
14) Allyl chloride	4.715	41	92599	20.136	ug/l	98
15) Acrylonitrile	5.420	53	69984	102.119	ug/l	99
16) Acetone	4.162	43	56288	88.461	ug/l	97
17) Carbon Disulfide	4.403	76	239037	18.965	ug/l	99
18) Methyl Acetate	4.726	43	36807	21.376	ug/l	95
19) Methyl tert-butyl Ether	5.485	73	142008	20.287	ug/l	96
20) Methylene Chloride	4.962	84	128736	24.154	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	92113	20.405	ug/l	96
22) Diisopropyl ether	6.362	45	191996	21.738	ug/l #	89
23) Vinyl Acetate	6.309	43	489528	94.324	ug/l	97
24) 1,1-Dichloroethane	6.262	63	158017	21.380	ug/l	99
25) 2-Butanone	7.214	43	82743	98.823	ug/l	96
26) 2,2-Dichloropropane	7.209	77	132480	19.452	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	102242	21.384	ug/l	96
28) Bromochloromethane	7.544	49	55501	21.658	ug/l	96
29) Tetrahydrofuran	7.561	42	47023	97.711	ug/l	98
30) Chloroform	7.708	83	177674	21.989	ug/l	97
31) Cyclohexane	7.979	56	103256	17.822	ug/l #	93
32) 1,1,1-Trichloroethane	7.903	97	152677	20.938	ug/l	99
36) 1,1-Dichloropropene	8.108	75	119000	19.257	ug/l	98
37) Ethyl Acetate	7.291	43	44535	21.225	ug/l	97
38) Carbon Tetrachloride	8.097	117	130937	19.625	ug/l	94
39) Methylcyclohexane	9.355	83	111095	17.574	ug/l	97
40) Benzene	8.350	78	368243	20.518	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	22257	21.848	ug/l #	75
42) 1,2-Dichloroethane	8.426	62	102306	21.360	ug/l	99
43) Isopropyl Acetate	8.450	43	76340	19.991	ug/l	99
44) Trichloroethene	9.114	130	102123	20.943	ug/l	96
45) 1,2-Dichloropropane	9.385	63	90127	21.091	ug/l	98
46) Dibromomethane	9.473	93	53494	21.902	ug/l	98
47) Bromodichloromethane	9.661	83	133496	21.197	ug/l	95
48) Methyl methacrylate	9.455	41	32704	18.447	ug/l	85
49) 1,4-Dioxane	9.455	88	10267	427.937	ug/l #	93
51) 4-Methyl-2-Pentanone	10.226	43	198840	100.812	ug/l	99
52) Toluene	10.402	92	240028	21.188	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	113044	20.098	ug/l	95
54) cis-1,3-Dichloropropene	10.091	75	136708	20.386	ug/l	96
55) 1,1,2-Trichloroethane	10.802	97	73400	21.665	ug/l	91
56) Ethyl methacrylate	10.661	69	65830	18.776	ug/l	99
57) 1,3-Dichloropropane	10.944	76	116240	21.160	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	175633	110.713	ug/l	99
59) 2-Hexanone	10.985	43	129621	98.312	ug/l	96
60) Dibromochloromethane	11.138	129	91610	21.460	ug/l	97
61) 1,2-Dibromoethane	11.244	107	68885	21.316	ug/l	99
64) Tetrachloroethene	10.873	164	87621	20.381	ug/l	96
65) Chlorobenzene	11.667	112	262904	20.829	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.744	131	100468	21.244	ug/l	98
67) Ethyl Benzene	11.744	91	423388	19.524	ug/l	99
68) m/p-Xylenes	11.849	106	344510	40.543	ug/l	100
69) o-Xylene	12.179	106	152269	20.261	ug/l	98
70) Styrene	12.191	104	271547	20.814	ug/l	99
71) Bromoform	12.355	173	51585	21.030	ug/l #	100
73) Isopropylbenzene	12.473	105	407023	19.600	ug/l	98
74) N-amyl acetate	12.285	43	71070	19.379	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.726	83	77078	19.882	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	49030m	18.598	ug/l	
77) Bromobenzene	12.755	156	106262	21.248	ug/l	97
78) n-propylbenzene	12.814	91	507195	19.914	ug/l	99
79) 2-Chlorotoluene	12.902	91	293086	20.244	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	353931	20.124	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	21260	17.870	ug/l	95
82) 4-Chlorotoluene	13.002	91	313351	20.573	ug/l	99
83) tert-Butylbenzene	13.220	119	284344	19.305	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	353581	20.215	ug/l	99
85) sec-Butylbenzene	13.396	105	422238	19.422	ug/l	99
86) p-Isopropyltoluene	13.508	119	376169	19.789	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	205265	20.281	ug/l	98
88) 1,4-Dichlorobenzene	13.591	146	206024	20.424	ug/l	96
89) n-Butylbenzene	13.838	91	336058	18.896	ug/l	99
90) Hexachloroethane	14.108	117	71137	19.700	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	181956	20.864	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	11261	18.235	ug/l	91
93) 1,2,4-Trichlorobenzene	15.149	180	102794	19.645	ug/l	98
94) Hexachlorobutadiene	15.255	225	62927	19.154	ug/l	97
95) Naphthalene	15.390	128	162671	17.974	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	91989	19.974	ug/l	99

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

