

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
 Data File : VD069979.D
 Acq On : 04 Aug 2021 11:57
 Operator : VA/SY
 Sample : VD0804SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0804SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 6:41:43 PM

Quant Time: Aug 05 03:08:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	554155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	986060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	937558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	452391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	311316	48.847	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.700%
35) Dibromofluoromethane	7.914	113	315443	50.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.500%
50) Toluene-d8	10.338	98	1234459	51.502	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.000%
62) 4-Bromofluorobenzene	12.626	95	419655	52.388	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	119472	20.483	ug/l	98
3) Chloromethane	2.209	50	164882	19.487	ug/l	97
4) Vinyl Chloride	2.350	62	177550	19.951	ug/l	96
5) Bromomethane	2.756	94	123649	22.500	ug/l	98
6) Chloroethane	2.915	64	117656	20.397	ug/l	95
7) Trichlorofluoromethane	3.268	101	225493	20.525	ug/l	99
8) Diethyl Ether	3.709	74	60976	19.732	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	144521	20.713	ug/l	98
10) Methyl Iodide	4.303	142	117869	19.388	ug/l	98
11) Tert butyl alcohol	5.226	59	33939	102.913	ug/l #	73
12) 1,1-Dichloroethene	4.062	96	127871	20.168	ug/l	93
13) Acrolein	3.921	56	36554	79.183	ug/l	99
14) Allyl chloride	4.709	41	189811	20.419	ug/l	99
15) Acrylonitrile	5.420	53	147415	101.409	ug/l	99
16) Acetone	4.156	43	116332	101.043	ug/l	100
17) Carbon Disulfide	4.409	76	444328	19.600	ug/l	99
18) Methyl Acetate	4.715	43	68906	20.627	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	270018	20.555	ug/l	100
20) Methylene Chloride	4.968	84	245072	26.408	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	150818	20.187	ug/l	99
22) Diisopropyl ether	6.362	45	431388	21.356	ug/l	94
23) Vinyl Acetate	6.309	43	975426	100.987	ug/l	98
24) 1,1-Dichloroethane	6.267	63	287289	20.591	ug/l	98
25) 2-Butanone	7.214	43	159259	102.003	ug/l	99
26) 2,2-Dichloropropane	7.203	77	225729	21.277	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	162935	20.438	ug/l	99
28) Bromochloromethane	7.544	49	115375	21.781	ug/l	97
29) Tetrahydrofuran	7.562	42	104257	103.212	ug/l	99
30) Chloroform	7.709	83	284863	20.307	ug/l	97
31) Cyclohexane	7.985	56	255585	20.524	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	240037	20.673	ug/l	100
36) 1,1-Dichloropropene	8.114	75	215399	20.242	ug/l	99
37) Ethyl Acetate	7.291	43	79322	20.476	ug/l	99
38) Carbon Tetrachloride	8.097	117	196383	20.204	ug/l	99
39) Methylcyclohexane	9.356	83	241217	19.793	ug/l	98
40) Benzene	8.350	78	641795	20.818	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
 Data File : VD069979.D
 Acq On : 04 Aug 2021 11:57
 Operator : VA/SY
 Sample : VD0804SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0804SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 6:41:43 PM

Quant Time: Aug 05 03:08:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	40074m	19.712	ug/l	
42) 1,2-Dichloroethane	8.420	62	164375	20.161	ug/l	99
43) Isopropyl Acetate	8.450	43	141739	20.401	ug/l	99
44) Trichloroethene	9.108	130	156663	20.635	ug/l	95
45) 1,2-Dichloropropane	9.385	63	167988	20.745	ug/l	99
46) Dibromomethane	9.473	93	81830	20.558	ug/l	97
47) Bromodichloromethane	9.661	83	213572	20.652	ug/l	100
48) Methyl methacrylate	9.456	41	62551	18.727	ug/l	91
49) 1,4-Dioxane	9.456	88	17010	404.484	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	376072	104.018	ug/l	100
52) Toluene	10.403	92	401857	21.488	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	184868	21.297	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	220888	21.018	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	113557	20.198	ug/l	97
56) Ethyl methacrylate	10.655	69	124597	20.424	ug/l	96
57) 1,3-Dichloropropane	10.944	76	196399	20.645	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	260944	99.094	ug/l	99
59) 2-Hexanone	10.979	43	247337	103.425	ug/l	99
60) Dibromochloromethane	11.132	129	131619	20.671	ug/l	100
61) 1,2-Dibromoethane	11.244	107	105769	20.895	ug/l	98
64) Tetrachloroethene	10.873	164	122265	20.458	ug/l	97
65) Chlorobenzene	11.667	112	410450	21.131	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.738	131	143557	20.544	ug/l	97
67) Ethyl Benzene	11.738	91	713106	20.853	ug/l	100
68) m/p-Xylenes	11.850	106	567590	42.814	ug/l	99
69) o-Xylene	12.173	106	247338	20.522	ug/l	100
70) Styrene	12.191	104	444706	21.292	ug/l	99
71) Bromoform	12.355	173	70922	20.900	ug/l	100
73) Isopropylbenzene	12.473	105	656708	20.203	ug/l	99
74) N-amyl acetate	12.279	43	133029	19.897	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	136025	20.955	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	92491m	19.235	ug/l	
77) Bromobenzene	12.755	156	143095	19.546	ug/l	96
78) n-propylbenzene	12.814	91	869836	20.835	ug/l	100
79) 2-Chlorotoluene	12.897	91	490358	20.221	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	576584	20.736	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	32355	20.413	ug/l	96
82) 4-Chlorotoluene	12.997	91	532141	20.990	ug/l	99
83) tert-Butylbenzene	13.214	119	450686	19.936	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	572712	20.878	ug/l	99
85) sec-Butylbenzene	13.391	105	736633	20.611	ug/l	100
86) p-Isopropyltoluene	13.508	119	595994	20.527	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	312990	20.363	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	311019	20.302	ug/l	99
89) n-Butylbenzene	13.832	91	570826	19.921	ug/l	99
90) Hexachloroethane	14.102	117	125506	20.406	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	271092	20.435	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	17853	19.100	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	146287	20.438	ug/l	99
94) Hexachlorobutadiene	15.255	225	87963	20.090	ug/l	99
95) Naphthalene	15.385	128	244422	19.876	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	124748	20.154	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
Data File : VD069979.D
Acq On : 04 Aug 2021 11:57
Operator : VA/SY
Sample : VD0804SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0804SBS01

Manual Integrations
APPROVED

MMDadoda
8/5/2021 6:41:43 PM

Quant Time: Aug 05 03:08:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 04:51:13 2021
Response via : Initial Calibration

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

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

