

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071921\
 Data File : VD069742.D
 Acq On : 19 Jul 2021 10:30
 Operator : VA/SY
 Sample : VD0719SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0719SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2021 5:44:03 PM

Quant Time: Jul 20 02:09:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	574247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1041251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	967472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	460100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	359684	50.164	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.320%	
35) Dibromofluoromethane	7.914	113	348517	49.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.780%	
50) Toluene-d8	10.338	98	1397651	51.500	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.000%	
62) 4-Bromofluorobenzene	12.626	95	470479	51.980	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.960%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	87155	15.156	ug/l	99
3) Chloromethane	2.209	50	135408	16.513	ug/l	99
4) Vinyl Chloride	2.344	62	148021	16.945	ug/l	97
5) Bromomethane	2.750	94	99110	17.237	ug/l	87
6) Chloroethane	2.909	64	103751	18.563	ug/l	100
7) Trichlorofluoromethane	3.268	101	205491	18.654	ug/l	94
8) Diethyl Ether	3.709	74	62538	19.458	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	132875	19.451	ug/l	98
10) Methyl Iodide	4.303	142	94452	15.036	ug/l	99
11) Tert butyl alcohol	5.232	59	33302	34.762	ug/l #	79
12) 1,1-Dichloroethene	4.062	96	119102	19.018	ug/l	98
13) Acrolein	3.920	56	43288	87.569	ug/l	94
14) Allyl chloride	4.714	41	173657	17.946	ug/l	99
15) Acrylonitrile	5.420	53	132469	90.895	ug/l	98
16) Acetone	4.156	43	125818	91.079	ug/l	96
17) Carbon Disulfide	4.403	76	323830	14.961	ug/l	97
18) Methyl Acetate	4.720	43	107002	28.005	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	235402	17.756	ug/l	98
20) Methylene Chloride	4.962	84	192975	15.284	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	136737	18.284	ug/l	95
22) Diisopropyl ether	6.361	45	374007	18.650	ug/l	98
23) Vinyl Acetate	6.309	43	756621m	78.378	ug/l	
24) 1,1-Dichloroethane	6.261	63	275969	19.720	ug/l	97
25) 2-Butanone	7.214	43	164758	97.222	ug/l	98
26) 2,2-Dichloropropane	7.203	77	217126	19.446	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	159409	19.759	ug/l	97
28) Bromochloromethane	7.544	49	95024	17.594	ug/l	100
29) Tetrahydrofuran	7.561	42	95692	91.139	ug/l	97
30) Chloroform	7.708	83	285028	20.475	ug/l	95
31) Cyclohexane	7.985	56	193418	16.136	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	233675	19.797	ug/l	98
36) 1,1-Dichloropropene	8.108	75	200898	18.702	ug/l	100
37) Ethyl Acetate	7.291	43	79988	19.685	ug/l	97
38) Carbon Tetrachloride	8.091	117	189903	19.306	ug/l	99
39) Methylcyclohexane	9.350	83	182003	15.586	ug/l	96
40) Benzene	8.350	78	597974	19.300	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071921\
 Data File : VD069742.D
 Acq On : 19 Jul 2021 10:30
 Operator : VA/SY
 Sample : VD0719SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SoIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0719SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2021 5:44:03 PM

Quant Time: Jul 20 02:09:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	39889	18.942	ug/l	95
42) 1,2-Dichloroethane	8.420	62	164931	19.612	ug/l	100
43) Isopropyl Acetate	8.450	43	147407	19.810	ug/l	97
44) Trichloroethene	9.108	130	147679	19.656	ug/l	97
45) 1,2-Dichloropropane	9.385	63	166664	20.466	ug/l	99
46) Dibromomethane	9.473	93	78689	19.798	ug/l	98
47) Bromodichloromethane	9.661	83	215873	20.494	ug/l	100
48) Methyl methacrylate	9.455	41	64271	17.375	ug/l #	86
49) 1,4-Dioxane	9.461	88	14791	341.966	ug/l #	94
51) 4-Methyl-2-Pentanone	10.226	43	387771	100.630	ug/l	100
52) Toluene	10.397	92	377084	20.234	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	176593	19.943	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	212951	19.584	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	118172	21.255	ug/l	98
56) Ethyl methacrylate	10.655	69	120309	18.038	ug/l	98
57) 1,3-Dichloropropane	10.938	76	200481	20.425	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	306097	102.433	ug/l	99
59) 2-Hexanone	10.979	43	261820	101.938	ug/l	96
60) Dibromochloromethane	11.138	129	133561	20.592	ug/l	99
61) 1,2-Dibromoethane	11.244	107	104934	20.343	ug/l	99
64) Tetrachloroethene	10.873	164	122796	20.785	ug/l	96
65) Chlorobenzene	11.661	112	395278	20.452	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	146279	21.188	ug/l	99
67) Ethyl Benzene	11.738	91	686754	20.066	ug/l	99
68) m/p-Xylenes	11.849	106	534153	41.273	ug/l	100
69) o-Xylene	12.173	106	233858	19.844	ug/l	100
70) Styrene	12.191	104	434967	21.151	ug/l	99
71) Bromoform	12.355	173	69530	20.772	ug/l #	99
73) Isopropylbenzene	12.473	105	651919	19.899	ug/l	99
74) N-amyl acetate	12.279	43	140055	19.673	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	137202	21.025	ug/l	97
76) 1,2,3-Trichloropropane	12.779	75	89292m	19.977	ug/l	
77) Bromobenzene	12.755	156	145636	20.037	ug/l	96
78) n-propylbenzene	12.814	91	844444	20.328	ug/l	99
79) 2-Chlorotoluene	12.902	91	484491	19.839	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	567251	20.414	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	32771	19.704	ug/l	97
82) 4-Chlorotoluene	12.996	91	522184	20.376	ug/l	100
83) tert-Butylbenzene	13.214	119	443985	19.599	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	568743	20.629	ug/l	100
85) sec-Butylbenzene	13.390	105	701575	19.706	ug/l	99
86) p-Isopropyltoluene	13.508	119	597471	20.604	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	310903	20.597	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	305584	20.271	ug/l	99
89) n-Butylbenzene	13.832	91	585884	20.393	ug/l	99
90) Hexachloroethane	14.102	117	112983	19.147	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	269370	20.696	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	18932	19.479	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	143413	19.820	ug/l	95
94) Hexachlorobutadiene	15.255	225	91498	20.973	ug/l	98
95) Naphthalene	15.385	128	254082	18.892	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	129142	20.777	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071921\
Data File : VD069742.D
Acq On : 19 Jul 2021 10:30
Operator : VA/SY
Sample : VD0719SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0719SBSD01

Manual Integrations
APPROVED

MMDadoda
7/20/2021 5:44:03 PM

Quant Time: Jul 20 02:09:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 14 06:00:31 2021
Response via : Initial Calibration

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

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

