

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070181.D
 Acq On : 19 Aug 2021 23:26
 Operator : VA/SY
 Sample : VD0819SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:48:17 PM

Quant Time: Aug 20 05:49:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	432661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	811944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	771702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	362820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	266577	52.385	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.780%			
35) Dibromofluoromethane	7.914	113	275067	52.437	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.880%			
50) Toluene-d8	10.332	98	1058533	51.882	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.760%			
62) 4-Bromofluorobenzene	12.626	95	346631	51.581	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	104336	21.502	ug/l	99
3) Chloromethane	2.209	50	142614	21.237	ug/l	99
4) Vinyl Chloride	2.344	62	146020	19.942	ug/l	91
5) Bromomethane	2.750	94	116443	27.019	ug/l	99
6) Chloroethane	2.909	64	103522	22.130	ug/l	100
7) Trichlorofluoromethane	3.267	101	178105	20.252	ug/l	99
8) Diethyl Ether	3.709	74	53184	21.131	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	116281	20.783	ug/l	98
10) Methyl Iodide	4.291	142	96018	18.769	ug/l	99
11) Tert butyl alcohol	5.226	59	27873	99.097	ug/l	99
12) 1,1-Dichloroethene	4.061	96	105081	20.443	ug/l	88
13) Acrolein	3.926	56	19005	58.660	ug/l	99
14) Allyl chloride	4.709	41	152436	19.875	ug/l	97
15) Acrylonitrile	5.414	53	122138	104.656	ug/l	97
16) Acetone	4.156	43	88062	93.939	ug/l	92
17) Carbon Disulfide	4.403	76	376916	20.281	ug/l	100
18) Methyl Acetate	4.720	43	67149	24.025	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	214800	20.135	ug/l	96
20) Methylene Chloride	4.956	84	206365	28.853	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	124205	20.802	ug/l	96
22) Diisopropyl ether	6.361	45	351774	21.808	ug/l	98
23) Vinyl Acetate	6.303	43	709685	97.078	ug/l	99
24) 1,1-Dichloroethane	6.255	63	243057	22.023	ug/l	99
25) 2-Butanone	7.214	43	130621	101.972	ug/l	95
26) 2,2-Dichloropropane	7.197	77	163788	19.060	ug/l	100
27) cis-1,2-Dichloroethene	7.202	96	137572	21.696	ug/l	97
28) Bromochloromethane	7.544	49	96865	24.119	ug/l	98
29) Tetrahydrofuran	7.555	42	85529	101.969	ug/l	98
30) Chloroform	7.714	83	231231	21.304	ug/l	87
31) Cyclohexane	7.979	56	191718	19.034	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	191819	21.149	ug/l	97
36) 1,1-Dichloropropene	8.114	75	175456	20.087	ug/l	98
37) Ethyl Acetate	7.291	43	64222	20.242	ug/l	97
38) Carbon Tetrachloride	8.091	117	158238	19.955	ug/l	96
39) Methylcyclohexane	9.349	83	173071	17.018	ug/l	98
40) Benzene	8.344	78	541828	21.386	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070181.D
 Acq On : 19 Aug 2021 23:26
 Operator : VA/SY
 Sample : VD0819SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:48:17 PM

Quant Time: Aug 20 05:49:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	32247	18.799	ug/l	98
42) 1,2-Dichloroethane	8.420	62	137899	21.238	ug/l	97
43) Isopropyl Acetate	8.450	43	118889	20.072	ug/l	98
44) Trichloroethene	9.108	130	126056	20.597	ug/l	98
45) 1,2-Dichloropropane	9.385	63	137690	20.923	ug/l	97
46) Dibromomethane	9.473	93	69880	21.862	ug/l	99
47) Bromodichloromethane	9.661	83	178522	21.588	ug/l	97
48) Methyl methacrylate	9.455	41	49114	17.388	ug/l #	85
49) 1,4-Dioxane	9.455	88	14886	427.942	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	309766	100.578	ug/l	99
52) Toluene	10.396	92	332594	21.568	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	150712	20.575	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	186126	20.935	ug/l	97
55) 1,1,2-Trichloroethane	10.796	97	96863	21.388	ug/l	99
56) Ethyl methacrylate	10.655	69	100960	19.590	ug/l	98
57) 1,3-Dichloropropane	10.943	76	168631	21.508	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	263796	97.047	ug/l	100
59) 2-Hexanone	10.979	43	201573	97.728	ug/l	98
60) Dibromochloromethane	11.132	129	109610	21.128	ug/l	100
61) 1,2-Dibromoethane	11.238	107	88361	21.551	ug/l	100
64) Tetrachloroethene	10.873	164	99246	19.935	ug/l	95
65) Chlorobenzene	11.661	112	343118	21.281	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	124102	21.674	ug/l	98
67) Ethyl Benzene	11.738	91	571252	20.038	ug/l	99
68) m/p-Xylenes	11.843	106	460191	41.655	ug/l	97
69) o-Xylene	12.173	106	203711	20.436	ug/l	97
70) Styrene	12.185	104	366815	21.010	ug/l	99
71) Bromoform	12.349	173	60036	21.520	ug/l #	97
73) Isopropylbenzene	12.473	105	525585	19.865	ug/l	99
74) N-amyl acetate	12.279	43	109720	19.234	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	112531	21.316	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	72588m	19.728	ug/l	
77) Bromobenzene	12.749	156	124842	21.259	ug/l	97
78) n-propylbenzene	12.808	91	688711	20.184	ug/l	100
79) 2-Chlorotoluene	12.896	91	407766	20.771	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	463126	20.561	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	24762	17.468	ug/l	89
82) 4-Chlorotoluene	12.996	91	429670	20.903	ug/l	100
83) tert-Butylbenzene	13.214	119	361054	19.721	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	458892	20.538	ug/l	100
85) sec-Butylbenzene	13.390	105	582077	19.844	ug/l	99
86) p-Isopropyltoluene	13.508	119	467285	19.718	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	266955	21.395	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	257523	20.838	ug/l	99
89) n-Butylbenzene	13.832	91	446655	19.207	ug/l	98
90) Hexachloroethane	14.102	117	102826	20.562	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	227839	21.310	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	15833	20.079	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	115887	19.492	ug/l	100
94) Hexachlorobutadiene	15.249	225	67565	19.238	ug/l	97
95) Naphthalene	15.384	128	203241	18.782	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	102458	19.741	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
Data File : VD070181.D
Acq On : 19 Aug 2021 23:26
Operator : VA/SY
Sample : VD0819SBS02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

Manual Integrations
APPROVED

MMDadoda
8/20/2021 6:48:17 PM

Quant Time: Aug 20 05:49:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

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

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

