

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093021\
 Data File : VD070535.D
 Acq On : 30 Sep 2021 11:54
 Operator : VA/SY
 Sample : VD0930SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0930SBS01

Manual Integrations
 APPROVED

apatel
 10/1/2021 10:48:35 AM

Quant Time: Oct 01 02:03:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	336289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	607961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	575885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	270511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	193093	44.718	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.440%
35) Dibromofluoromethane	7.914	113	196940	45.508	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.020%
50) Toluene-d8	10.332	98	765038	48.690	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.620	95	261347	47.594	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	73098	18.980	ug/l	95
3) Chloromethane	2.209	50	92575	17.739	ug/l	98
4) Vinyl Chloride	2.350	62	106889	20.202	ug/l	100
5) Bromomethane	2.756	94	73264	19.643	ug/l	99
6) Chloroethane	2.915	64	69362	19.451	ug/l	95
7) Trichlorofluoromethane	3.268	101	143051	20.441	ug/l	95
8) Diethyl Ether	3.715	74	39714	20.528	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	89037	20.482	ug/l	97
10) Methyl Iodide	4.303	142	73767	18.390	ug/l	96
11) Tert butyl alcohol	5.220	59	20636	42.267	ug/l #	100
12) 1,1-Dichloroethene	4.068	96	78367	20.017	ug/l	97
13) Acrolein	3.921	56	12289	57.250	ug/l	97
14) Allyl chloride	4.720	41	109492	19.031	ug/l	99
15) Acrylonitrile	5.415	53	91101	98.833	ug/l	100
16) Acetone	4.156	43	64991	84.303	ug/l	90
17) Carbon Disulfide	4.409	76	257841	17.850	ug/l	97
18) Methyl Acetate	4.715	43	46466	21.086	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	164451	19.437	ug/l	97
20) Methylene Chloride	4.962	84	99902	15.832	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	90866	19.497	ug/l	99
22) Diisopropyl ether	6.362	45	243137	19.745	ug/l	99
23) Vinyl Acetate	6.309	43	511863	89.728	ug/l	97
24) 1,1-Dichloroethane	6.267	63	165630	19.010	ug/l	95
25) 2-Butanone	7.214	43	93240	90.858	ug/l	94
26) 2,2-Dichloropropane	7.209	77	136190	19.338	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	99419	19.858	ug/l	100
28) Bromochloromethane	7.544	49	60651	17.544	ug/l	97
29) Tetrahydrofuran	7.561	42	60662	92.084	ug/l	98
30) Chloroform	7.709	83	176020	19.706	ug/l	99
31) Cyclohexane	7.985	56	140530	18.893	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	152299	20.257	ug/l	99
36) 1,1-Dichloropropene	8.109	75	126869	19.523	ug/l	98
37) Ethyl Acetate	7.297	43	43589	17.938	ug/l #	92
38) Carbon Tetrachloride	8.097	117	134083	20.863	ug/l	98
39) Methylcyclohexane	9.356	83	139117	19.163	ug/l	96
40) Benzene	8.350	78	377159	19.805	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093021\
 Data File : VD070535.D
 Acq On : 30 Sep 2021 11:54
 Operator : VA/SY
 Sample : VD0930SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0930SBS01

Manual Integrations
 APPROVED

apatel
 10/1/2021 10:48:35 AM

Quant Time: Oct 01 02:03:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	26359	20.617	ug/l	88
42) 1,2-Dichloroethane	8.420	62	98725	19.356	ug/l	99
43) Isopropyl Acetate	8.450	43	82581	18.380	ug/l	97
44) Trichloroethene	9.108	130	91673	20.142	ug/l	90
45) 1,2-Dichloropropane	9.385	63	98965	19.808	ug/l	91
46) Dibromomethane	9.467	93	49273	19.151	ug/l	96
47) Bromodichloromethane	9.661	83	130523	19.886	ug/l	98
48) Methyl methacrylate	9.450	41	37299	17.980	ug/l #	90
49) 1,4-Dioxane	9.456	88	10175	394.852	ug/l	88
51) 4-Methyl-2-Pentanone	10.226	43	222952	95.896	ug/l	98
52) Toluene	10.397	92	241320	20.972	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	115239	20.410	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	138523	20.160	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	70711	19.979	ug/l	89
56) Ethyl methacrylate	10.655	69	75521	19.546	ug/l	97
57) 1,3-Dichloropropane	10.938	76	122432	20.319	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	196176	105.344	ug/l	98
59) 2-Hexanone	10.979	43	147286	94.950	ug/l	96
60) Dibromochloromethane	11.132	129	82248	19.968	ug/l	97
61) 1,2-Dibromoethane	11.238	107	64717	19.882	ug/l	99
64) Tetrachloroethene	10.873	164	72069	20.554	ug/l	94
65) Chlorobenzene	11.661	112	246641	20.674	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	89856	20.565	ug/l	99
67) Ethyl Benzene	11.738	91	422603	20.540	ug/l	100
68) m/p-Xylenes	11.850	106	340125	42.802	ug/l	99
69) o-Xylene	12.173	106	151349	21.260	ug/l	100
70) Styrene	12.185	104	264502	21.269	ug/l	97
71) Bromoform	12.355	173	44650	20.676	ug/l #	93
73) Isopropylbenzene	12.473	105	389928	20.554	ug/l	99
74) N-amyl acetate	12.279	43	79115	19.140	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	81888	20.154	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	52034m	19.017	ug/l	
77) Bromobenzene	12.755	156	87829	20.067	ug/l	96
78) n-propylbenzene	12.814	91	517104	21.001	ug/l	100
79) 2-Chlorotoluene	12.897	91	297650	20.739	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	347560	21.228	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	22774	20.854	ug/l	97
82) 4-Chlorotoluene	12.997	91	317634	20.979	ug/l	100
83) tert-Butylbenzene	13.214	119	273473	20.826	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	346697	21.504	ug/l	98
85) sec-Butylbenzene	13.391	105	442354	21.193	ug/l	98
86) p-Isopropyltoluene	13.502	119	358166	21.357	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	189176	20.761	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	184004	20.118	ug/l	99
89) n-Butylbenzene	13.832	91	338451	20.242	ug/l	98
90) Hexachloroethane	14.102	117	76839	20.016	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	160576	19.973	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	11554	18.987	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	85913	19.788	ug/l	99
94) Hexachlorobutadiene	15.249	225	53054	19.922	ug/l	97
95) Naphthalene	15.385	128	155711	19.734	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	73819	19.271	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093021\
Data File : VD070535.D
Acq On : 30 Sep 2021 11:54
Operator : VA/SY
Sample : VD0930SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0930SBSD01

Manual Integrations
APPROVED

apatel
10/1/2021 10:48:35 AM

Quant Time: Oct 01 02:03:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

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

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

