

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111220\
 Data File : VD067618.D
 Acq On : 12 Nov 2020 12:57
 Operator : VA/SY
 Sample : VD1112SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1112SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/16/2020 2:34:44 PM

Quant Time: Nov 13 00:47:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	334547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	501753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	461742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	231341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	135004	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
35) Dibromofluoromethane	7.92	113	145274	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	10.34	98	494787	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
62) 4-Bromofluorobenzene	12.64	95	180335	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	64140	21.052	ug/l	95
3) Chloromethane	2.21	50	44541	21.380	ug/l	99
4) Vinyl Chloride	2.35	62	45780	19.710	ug/l	94
5) Bromomethane	2.76	94	38904	20.665	ug/l	93
6) Chloroethane	2.91	64	30893	21.574	ug/l	97
7) Trichlorofluoromethane	3.27	101	124930	20.773	ug/l	95
8) Diethyl Ether	3.71	74	27458	22.659	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	69136	22.774	ug/l	99
10) Methyl Iodide	4.30	142	67094	20.621	ug/l	98
11) Tert butyl alcohol	5.20	59	29392	231.678	ug/l	97
12) 1,1-Dichloroethene	4.07	96	60288	21.591	ug/l	96
13) Acrolein	3.92	56	5967	69.098	ug/l	93
14) Allyl chloride	4.71	41	64298	21.515	ug/l	99
15) Acrylonitrile	5.43	53	55021	122.828	ug/l	99
16) Acetone	4.16	43	45649	104.282	ug/l	94
17) Carbon Disulfide	4.41	76	173525	20.280	ug/l	97
18) Methyl Acetate	4.71	43	22797	25.202	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	128643	23.356	ug/l #	92
20) Methylene Chloride	4.96	84	71111	22.997	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	69640	21.413	ug/l	94
22) Diisopropyl ether	6.36	45	140673	24.155	ug/l	94
23) Vinyl Acetate	6.31	43	361178	118.481	ug/l	99
24) 1,1-Dichloroethane	6.27	63	109036	22.886	ug/l	98
25) 2-Butanone	7.22	43	60277	128.867	ug/l	95
26) 2,2-Dichloropropane	7.21	77	110142	21.905	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	75442	22.348	ug/l	94
28) Bromochloromethane	7.55	49	35165	20.750	ug/l	100
29) Tetrahydrofuran	7.57	42	36489	130.234	ug/l	95
30) Chloroform	7.71	83	128170	22.550	ug/l	98
31) Cyclohexane	7.99	56	90701	21.378	ug/l #	96
32) 1,1,1-Trichloroethane	7.90	97	126584	21.585	ug/l	98
36) 1,1-Dichloropropene	8.11	75	93580	21.789	ug/l	98
37) Ethyl Acetate	7.30	43	26655	23.905	ug/l #	79
38) Carbon Tetrachloride	8.10	117	117842	21.118	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111220\
 Data File : VD067618.D
 Acq On : 12 Nov 2020 12:57
 Operator : VA/SY
 Sample : VD1112SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1112SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/16/2020 2:34:44 PM

Quant Time: Nov 13 00:47:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	106426	21.054	ug/l	94
40) Benzene	8.36	78	265308	22.805	ug/l	96
41) Methacrylonitrile	7.53	41	12323m	18.489	ug/l	
42) 1,2-Dichloroethane	8.43	62	78989	21.975	ug/l	97
43) Isopropyl Acetate	8.46	43	53652	24.330	ug/l	100
44) Trichloroethene	9.12	130	83148	21.736	ug/l	96
45) 1,2-Dichloropropane	9.39	63	58950	23.436	ug/l	97
46) Dibromomethane	9.48	93	36924	23.087	ug/l	97
47) Bromodichloromethane	9.67	83	96579	22.218	ug/l	93
48) Methyl methacrylate	9.46	41	25286	22.208	ug/l	90
49) 1,4-Dioxane	9.47	88	9277	571.390	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	130079	123.339	ug/l	99
52) Toluene	10.41	92	174508	22.395	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	83974	22.556	ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	97280	21.992	ug/l	96
55) 1,1,2-Trichloroethane	10.81	97	49613	23.446	ug/l	92
56) Ethyl methacrylate	10.67	69	50242	22.992	ug/l	97
57) 1,3-Dichloropropane	10.95	76	80359	23.599	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	113680	111.557	ug/l	99
59) 2-Hexanone	10.99	43	86037	116.675	ug/l	97
60) Dibromochloromethane	11.14	129	73131	23.362	ug/l	99
61) 1,2-Dibromoethane	11.25	107	49309	23.217	ug/l	97
64) Tetrachloroethene	10.88	164	76326	22.320	ug/l	95
65) Chlorobenzene	11.67	112	196944	22.142	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	78310	22.339	ug/l	98
67) Ethyl Benzene	11.75	91	339292	22.292	ug/l	95
68) m/p-Xylenes	11.86	106	264614	44.689	ug/l	98
69) o-Xylene	12.18	106	117660	22.256	ug/l	98
70) Styrene	12.20	104	206655	22.433	ug/l	100
71) Bromoform	12.36	173	41755	23.355	ug/l #	98
73) Isopropylbenzene	12.48	105	335275	22.425	ug/l	99
74) N-amyl acetate	12.29	43	47814	24.304	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	49571	24.314	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	28904m	20.711	ug/l	
77) Bromobenzene	12.77	156	82558	22.484	ug/l	98
78) n-propylbenzene	12.83	91	377728	22.087	ug/l	99
79) 2-Chlorotoluene	12.91	91	218329	22.475	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	289243	22.647	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	16356	23.794	ug/l	92
82) 4-Chlorotoluene	13.01	91	239144	22.953	ug/l	100
83) tert-Butylbenzene	13.23	119	242765	22.428	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	287486	22.613	ug/l	97
85) sec-Butylbenzene	13.41	105	327257	22.396	ug/l	99
86) p-Isopropyltoluene	13.52	119	313020	22.183	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	156280	22.305	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	157415	22.189	ug/l	99
89) n-Butylbenzene	13.85	91	267483	21.946	ug/l	99
90) Hexachloroethane	14.12	117	57535	21.652	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	135885	22.409	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8231	22.802	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111220\
Data File : VD067618.D
Acq On : 12 Nov 2020 12:57
Operator : VA/SY
Sample : VD1112SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBSD01

Manual Integrations
APPROVED

MMDadoda
11/16/2020 2:34:44 PM

Quant Time: Nov 13 00:47:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	92038	22.363	ug/l	98
94) Hexachlorobutadiene	15.27	225	57325	20.812	ug/l	99
95) Naphthalene	15.40	128	146307	23.036	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	79451	22.544	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111220\
Data File : VD067618.D
Acq On : 12 Nov 2020 12:57
Operator : VA/SY
Sample : VD1112SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBSD01

Manual Integrations
APPROVED

MMDadoda
11/16/2020 2:34:44 PM

Quant Time: Nov 13 00:47:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

