

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090418\
 Data File : VD059945.D
 Acq On : 4 Sep 2018 15:31
 Operator : JC/SY
 Sample : VD0904SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBS01

Manual Integrations
 APPROVED

apatel
 9/5/2018 12:25:40 PM

Quant Time: Sep 05 04:09:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1258572	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	1687977	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1416950	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	748558	50.00	ug/l	-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.76	65	489515	46.15	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	92.30%	
35) Dibromofluoromethane	6.29	113	641352	48.46	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	9.43	98	1740169	47.38	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	94.76%	
62) 4-Bromofluorobenzene	12.42	95	720470	48.30	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	96.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.56	85	183423	16.30	ug/l	100
3) Chloromethane	1.74	50	164656	16.16	ug/l	98
4) Vinyl Chloride	1.83	62	134762	16.86	ug/l	100
5) Bromomethane	2.11	94	11891	8.62	ug/l	80
6) Chloroethane	2.21	64	32831	11.37	ug/l	97
7) Trichlorofluoromethane	2.47	101	162270	17.55	ug/l	96
8) Diethyl Ether	2.79	74	35881	17.30	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.05	101	115003	20.31	ug/l	96
10) Methyl Iodide	3.20	142	85427	16.65	ug/l	98
11) Tert butyl alcohol	3.95	59	78493	96.98	ug/l	96
12) 1,1-Dichloroethene	3.03	96	82334	18.68	ug/l	91
13) Acrolein	2.95	56	19609	55.86	ug/l	99
14) Allyl chloride	3.49	41	201280	20.19	ug/l	95
15) Acrylonitrile	4.05	53	298246	98.40	ug/l	99
16) Acetone	3.13	43	176922	91.54	ug/l	98
17) Carbon Disulfide	3.27	76	203967	14.91	ug/l	97
18) Methyl Acetate	3.52	43	73384	18.19	ug/l	95
19) Methyl tert-butyl Ether	4.09	73	477827	19.16	ug/l	100
20) Methylene Chloride	3.68	84	386539	28.36	ug/l	95
21) trans-1,2-Dichloroethene	4.05	96	222928	18.36	ug/l	96
22) Diisopropyl ether	4.82	45	974309	19.16	ug/l	98
23) Vinyl Acetate	4.77	43	2807728	98.77	ug/l	99
24) 1,1-Dichloroethane	4.72	63	407298	18.54	ug/l	100
25) 2-Butanone	5.60	43	495704	86.60	ug/l	99
26) 2,2-Dichloropropane	5.55	77	362789	19.75	ug/l	96
27) cis-1,2-Dichloroethene	5.56	96	266824	20.07	ug/l	98
28) Bromochloromethane	5.89	49	210051	19.95	ug/l	95
29) Tetrahydrofuran	5.93	42	262072	96.17	ug/l	98
30) Chloroform	6.07	83	458393	20.53	ug/l	98
31) Cyclohexane	6.33	56	345924	17.13	ug/l	100
32) 1,1,1-Trichloroethane	6.26	97	362527	19.13	ug/l	100
36) 1,1-Dichloropropene	6.49	75	303121	19.81	ug/l	99
37) Ethyl Acetate	5.66	43	238511	20.03	ug/l	98
38) Carbon Tetrachloride	6.46	117	308893	20.00	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090418\
 Data File : VD059945.D
 Acq On : 4 Sep 2018 15:31
 Operator : JC/SY
 Sample : VD0904SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBS01

Manual Integrations
 APPROVED

apatel
 9/5/2018 12:25:40 PM

Quant Time: Sep 05 04:09:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.02	83	307724	18.61	ug/l	96
40) Benzene	6.77	78	808319	20.32	ug/l	98
41) Methacrylonitrile	5.89	41	114360m	19.07	ug/l	
42) 1,2-Dichloroethane	6.87	62	254903	19.96	ug/l	97
43) Isopropyl Acetate	8.33	43	313574	20.24	ug/l	100
44) Trichloroethene	7.71	130	241563	20.62	ug/l	98
45) 1,2-Dichloropropane	8.08	63	230194	20.70	ug/l	97
46) Dibromomethane	8.19	93	143959	20.13	ug/l	92
47) Bromodichloromethane	8.47	83	328064	20.27	ug/l	100
48) Methyl methacrylate	8.22	41	174882	19.37	ug/l	99
49) 1,4-Dioxane	8.21	88	34458	427.42	ug/l #	92
51) 4-Methyl-2-Pentanone	9.33	43	1028137	89.03	ug/l	97
52) Toluene	9.52	92	524961	20.58	ug/l	100
53) t-1,3-Dichloropropene	9.90	75	296156	19.78	ug/l	98
54) cis-1,3-Dichloropropene	9.08	75	355050	20.45	ug/l	100
55) 1,1,2-Trichloroethane	10.16	97	186136	19.96	ug/l	98
56) Ethyl methacrylate	10.01	69	213418	19.83	ug/l	98
57) 1,3-Dichloropropane	10.37	76	283207	20.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.90	63	559678	108.40	ug/l	98
59) 2-Hexanone	10.48	43	790103	92.76	ug/l	98
60) Dibromochloromethane	10.62	129	240795	20.54	ug/l	97
61) 1,2-Dibromoethane	10.74	107	189560	20.10	ug/l	100
64) Tetrachloroethene	10.23	164	217895	19.89	ug/l	96
65) Chlorobenzene	11.30	112	591714	21.01	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.40	131	219151	21.30	ug/l	98
67) Ethyl Benzene	11.41	91	1011985	21.36	ug/l	99
68) m/p-Xylenes	11.55	106	756004	43.83	ug/l	97
69) o-Xylene	11.92	106	360733	21.38	ug/l	96
70) Styrene	11.94	104	621969	21.29	ug/l	98
71) Bromoform	12.11	173	175791	19.75	ug/l #	98
73) Isopropylbenzene	12.27	105	1007114	21.08	ug/l	98
74) N-amyl acetate	12.12	43	416657	19.91	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.55	83	229459	20.76	ug/l	99
76) 1,2,3-Trichloropropane	12.58	75	239354	20.57	ug/l	99
77) Bromobenzene	12.53	156	287514	21.70	ug/l	85
78) n-propylbenzene	12.63	91	1275246	21.08	ug/l	98
79) 2-Chlorotoluene	12.70	91	708754	20.71	ug/l	95
80) 1,3,5-Trimethylbenzene	12.78	105	809998	21.32	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.34	75	65447	18.08	ug/l	93
82) 4-Chlorotoluene	12.80	91	844313	21.63	ug/l	96
83) tert-Butylbenzene	13.04	119	921271	21.29	ug/l	95
84) 1,2,4-Trimethylbenzene	13.08	105	833882	21.06	ug/l	100
85) sec-Butylbenzene	13.21	105	1109849	21.81	ug/l	99
86) p-Isopropyltoluene	13.33	119	895552	21.64	ug/l	95
87) 1,3-Dichlorobenzene	13.30	146	516261	21.83	ug/l	99
88) 1,4-Dichlorobenzene	13.38	146	514492	21.80	ug/l	98
89) n-Butylbenzene	13.64	91	929022	20.82	ug/l	96
90) Hexachloroethane	13.85	117	211671	19.05	ug/l	81
91) 1,2-Dichlorobenzene	13.66	146	463974	23.07	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.22	75	32793	19.30	ug/l	76

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090418\
Data File : VD059945.D
Acq On : 4 Sep 2018 15:31
Operator : JC/SY
Sample : VD0904SBS01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Manual Integrations
APPROVED

apatel
9/5/2018 12:25:40 PM

Quant Time: Sep 05 04:09:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	369153	21.44	ug/l	98
94) Hexachlorobutadiene	14.88	225	250050	22.15	ug/l	98
95) Naphthalene	14.96	128	560315	21.29	ug/l	99
96) 1,2,3-Trichlorobenzene	15.10	180	320520	21.76	ug/l	95

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090418\
Data File : VD059945.D
Acq On : 4 Sep 2018 15:31
Operator : JC/SY
Sample : VD0904SBS01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleID :
VD0904SBS01

Manual Integrations
APPROVED

apatel
9/5/2018 12:25:40 PM

Quant Time: Sep 05 04:09:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration

