

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080718\
 Data File : VD059700.D
 Acq On : 7 Aug 2018 12:58
 Operator : VA/AP
 Sample : VD0807SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Quant Time: Aug 08 08:04:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 08 02:03:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	212222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	262683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	212167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	115290	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.00	65	148966	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
35) Dibromofluoromethane	5.52	113	130729	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
50) Toluene-d8	8.69	98	273040	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
62) 4-Bromofluorobenzene	11.92	95	122032	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.32	85	57911	19.44	ug/l	99
3) Chloromethane	1.46	50	23854	17.97	ug/l #	84
4) Vinyl Chloride	1.54	62	28475	18.37	ug/l	95
5) Bromomethane	1.77	94	8090	15.86	ug/l #	75
6) Chloroethane	1.85	64	10910	17.32	ug/l	93
7) Trichlorofluoromethane	2.06	101	47200	18.69	ug/l	96
8) Diethyl Ether	2.33	74	9245	19.98	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.53	101	28580	20.03	ug/l	98
10) Methyl Iodide	2.67	142	28798	17.56	ug/l	91
11) Tert butyl alcohol	3.25	59	10254	103.23	ug/l #	76
12) 1,1-Dichloroethene	2.52	96	20662	19.82	ug/l	90
13) Acrolein	2.44	56	8557	91.71	ug/l	94
14) Allyl chloride	2.90	41	45191	18.95	ug/l	97
15) Acrylonitrile	3.33	53	27525	99.90	ug/l	94
16) Acetone	2.60	43	45031	87.81	ug/l	100
17) Carbon Disulfide	2.73	76	66839	17.75	ug/l	100
18) Methyl Acetate	2.92	43	16037	16.92	ug/l #	91
19) Methyl tert-butyl Ether	3.39	73	82546	20.75	ug/l	98
20) Methylene Chloride	3.04	84	34359	17.86	ug/l	89
21) trans-1,2-Dichloroethene	3.36	96	24470	17.93	ug/l	99
22) Diisopropyl ether	4.05	45	116076	20.69	ug/l	99
23) Vinyl Acetate	3.99	43	365156	102.66	ug/l	98
24) 1,1-Dichloroethane	3.94	63	76179	20.51	ug/l	100
25) 2-Butanone	4.82	43	59057	87.68	ug/l	99
26) 2,2-Dichloropropane	4.78	77	80099	20.20	ug/l	96
27) cis-1,2-Dichloroethene	4.78	96	41407	20.90	ug/l	91
28) Bromochloromethane	5.12	49	28583	20.85	ug/l	99
29) Tetrahydrofuran	5.17	42	27676	106.10	ug/l	94
30) Chloroform	5.30	83	91913	20.31	ug/l	99
31) Cyclohexane	5.57	56	52680	19.73	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	87552	19.89	ug/l	97
36) 1,1-Dichloropropene	5.72	75	59063	20.22	ug/l	98
37) Ethyl Acetate	4.90	43	29610	20.88	ug/l #	95
38) Carbon Tetrachloride	5.70	117	81097	20.75	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080718\
 Data File : VD059700.D
 Acq On : 7 Aug 2018 12:58
 Operator : VA/AP
 Sample : VD0807SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Quant Time: Aug 08 08:04:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 08 02:03:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	50515	20.47	ug/l	95
40) Benzene	6.00	78	116433	20.56	ug/l	99
41) Methacrylonitrile	5.11	41	13670	20.62	ug/l	89
42) 1,2-Dichloroethane	6.10	62	71524	20.43	ug/l	99
43) Isopropyl Acetate	7.60	43	37379	20.17	ug/l	96
44) Trichloroethene	6.96	130	43295	20.92	ug/l	96
45) 1,2-Dichloropropane	7.32	63	30006	20.06	ug/l	99
46) Dibromomethane	7.44	93	27277	21.05	ug/l	99
47) Bromodichloromethane	7.73	83	64651	19.59	ug/l	96
48) Methyl methacrylate	7.49	41	25324	20.70	ug/l	93
49) 1,4-Dioxane	7.47	88	4050	405.43	ug/l #	68
51) 4-Methyl-2-Pentanone	8.58	43	122049	90.30	ug/l	96
52) Toluene	8.79	92	72541	20.08	ug/l	89
53) t-1,3-Dichloropropene	9.17	75	58016	20.77	ug/l	99
54) cis-1,3-Dichloropropene	8.35	75	58872	20.47	ug/l	92
55) 1,1,2-Trichloroethane	9.44	97	27828	20.05	ug/l	95
56) Ethyl methacrylate	9.30	69	30230	19.74	ug/l	95
57) 1,3-Dichloropropane	9.66	76	43509	20.21	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.17	63	80254	110.02	ug/l	97
59) 2-Hexanone	9.77	43	93786	92.40	ug/l	92
60) Dibromochloromethane	9.94	129	46152	20.93	ug/l	99
61) 1,2-Dibromoethane	10.08	107	32299	20.24	ug/l	86
64) Tetrachloroethene	9.50	164	38044	18.94	ug/l	88
65) Chlorobenzene	10.71	112	93967	21.02	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.84	131	41186	21.01	ug/l	94
67) Ethyl Benzene	10.85	91	161701	20.08	ug/l	99
68) m/p-Xylenes	11.00	106	109161	42.38	ug/l	86
69) o-Xylene	11.40	106	50220	20.05	ug/l	95
70) Styrene	11.43	104	82173	19.55	ug/l	93
71) Bromoform	11.59	173	30533	20.68	ug/l	99
73) Isopropylbenzene	11.76	105	153075	19.76	ug/l	100
74) N-amyl acetate	11.63	43	49633	20.02	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.08	83	26187	16.84	ug/l	97
76) 1,2,3-Trichloropropane	12.11	75	37661	21.13	ug/l	98
77) Bromobenzene	12.04	156	49092	21.74	ug/l	77
78) n-propylbenzene	12.14	91	199268	20.75	ug/l	99
79) 2-Chlorotoluene	12.20	91	120283	20.74	ug/l	99
80) 1,3,5-Trimethylbenzene	12.31	105	128570	19.92	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.83	75	8809	20.25	ug/l	98
82) 4-Chlorotoluene	12.32	91	140913	20.76	ug/l	86
83) tert-Butylbenzene	12.57	119	150827	20.88	ug/l	99
84) 1,2,4-Trimethylbenzene	12.62	105	139819	20.44	ug/l	97
85) sec-Butylbenzene	12.74	105	164454	20.50	ug/l	99
86) p-Isopropyltoluene	12.88	119	140556	20.55	ug/l	93
87) 1,3-Dichlorobenzene	12.83	146	81809	20.99	ug/l	99
88) 1,4-Dichlorobenzene	12.92	146	80093	20.60	ug/l	98
89) n-Butylbenzene	13.19	91	142482	20.54	ug/l	100
90) Hexachloroethane	13.39	117	36367	20.51	ug/l	95
91) 1,2-Dichlorobenzene	13.19	146	70002	21.33	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.77	75	6095	18.77	ug/l	82

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080718\
Data File : VD059700.D
Acq On : 7 Aug 2018 12:58
Operator : VA/AP
Sample : VD0807SBSD01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBSD01

Quant Time: Aug 08 08:04:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 08 02:03:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	57147	19.35	ug/l	97
94) Hexachlorobutadiene	14.43	225	44076	19.25	ug/l	96
95) Naphthalene	14.51	128	91041	20.82	ug/l	98
96) 1,2,3-Trichlorobenzene	14.65	180	51712	20.02	ug/l	98

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

