

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081618\
 Data File : VD059823.D
 Acq On : 16 Aug 2018 21:06
 Operator : VA/AP
 Sample : VD0816SBS01
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0816SBS01

Quant Time: Aug 17 05:36:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 16:08:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	212999	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.67	114	289905	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.67	117	237415	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.89	152	137468	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.99	65	156241	57.09	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	114.18%	
35) Dibromofluoromethane	5.52	113	135945	53.81	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	107.62%	
50) Toluene-d8	8.68	98	306153	51.16	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.92	95	134823	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.32	85	50793	19.57	ug/l	99
3) Chloromethane	1.46	50	26737	18.76	ug/l	99
4) Vinyl Chloride	1.53	62	28574	18.93	ug/l	98
5) Bromomethane	1.77	94	7988	16.62	ug/l	100
6) Chloroethane	1.86	64	11027	17.52	ug/l	100
7) Trichlorofluoromethane	2.05	101	47416	20.01	ug/l	100
8) Diethyl Ether	2.33	74	8188	17.96	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.52	101	27448	20.65	ug/l	90
10) Methyl Iodide	2.66	142	21939	15.84	ug/l	99
11) Tert butyl alcohol	3.23	59	9078	93.76	ug/l #	74
12) 1,1-Dichloroethene	2.51	96	20747	21.59	ug/l	93
13) Acrolein	2.45	56	6082	82.26	ug/l #	81
14) Allyl chloride	2.89	41	48474	20.07	ug/l	93
15) Acrylonitrile	3.32	53	26750	78.86	ug/l	90
16) Acetone	2.58	43	37323	86.42	ug/l	97
17) Carbon Disulfide	2.73	76	56773	17.63	ug/l	100
18) Methyl Acetate	2.91	43	17126	18.55	ug/l	96
19) Methyl tert-butyl Ether	3.38	73	84247	17.96	ug/l	96
20) Methylene Chloride	3.04	84	28090	22.29	ug/l	94
21) trans-1,2-Dichloroethene	3.35	96	25885	13.67	ug/l	83
22) Diisopropyl ether	4.03	45	114388	17.56	ug/l #	91
23) Vinyl Acetate	3.98	43	362083	98.14	ug/l	100
24) 1,1-Dichloroethane	3.94	63	75887	19.64	ug/l	100
25) 2-Butanone	4.80	43	52472	79.38	ug/l	96
26) 2,2-Dichloropropane	4.77	77	75881	21.47	ug/l	93
27) cis-1,2-Dichloroethene	4.77	96	41717	20.11	ug/l	99
28) Bromochloromethane	5.11	49	30257	19.95	ug/l	94
29) Tetrahydrofuran	5.16	42	23619	83.75	ug/l	90
30) Chloroform	5.29	83	94412	20.34	ug/l	97
31) Cyclohexane	5.56	56	48649	17.50	ug/l #	89
32) 1,1,1-Trichloroethane	5.48	97	87552	21.46	ug/l	99
36) 1,1-Dichloropropene	5.71	75	56280	18.92	ug/l	98
37) Ethyl Acetate	4.90	43	28397	19.09	ug/l	98
38) Carbon Tetrachloride	5.69	117	74288	20.70	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081618\
 Data File : VD059823.D
 Acq On : 16 Aug 2018 21:06
 Operator : VA/AP
 Sample : VD0816SBS01
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0816SBS01

Quant Time: Aug 17 05:36:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 16:08:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.26	83	46070	17.91	ug/l	97
40) Benzene	5.99	78	120178	19.05	ug/l	97
41) Methacrylonitrile	5.09	41	13541	19.03	ug/l #	90
42) 1,2-Dichloroethane	6.10	62	69207	20.27	ug/l	96
43) Isopropyl Acetate	7.59	43	32637	17.37	ug/l	97
44) Trichloroethene	6.95	130	40095	18.56	ug/l	91
45) 1,2-Dichloropropane	7.33	63	28860	17.60	ug/l	98
46) Dibromomethane	7.43	93	25737	19.19	ug/l	91
47) Bromodichloromethane	7.72	83	64847	19.73	ug/l	96
48) Methyl methacrylate	7.48	41	22982	18.75	ug/l	95
49) 1,4-Dioxane	7.46	88	3087	285.95	ug/l #	71
51) 4-Methyl-2-Pentanone	8.57	43	116588	82.10	ug/l	99
52) Toluene	8.78	92	81288	20.11	ug/l	97
53) t-1,3-Dichloropropene	9.16	75	55200	20.26	ug/l	97
54) cis-1,3-Dichloropropene	8.34	75	57382	19.49	ug/l	98
55) 1,1,2-Trichloroethane	9.43	97	29008	19.44	ug/l	93
56) Ethyl methacrylate	9.29	69	31464	19.47	ug/l	97
57) 1,3-Dichloropropane	9.64	76	45898	19.64	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.16	63	81474	102.01	ug/l	96
59) 2-Hexanone	9.77	43	85547	84.01	ug/l	100
60) Dibromochloromethane	9.93	129	44728	20.65	ug/l	98
61) 1,2-Dibromoethane	10.07	107	32313	19.55	ug/l	95
64) Tetrachloroethene	9.49	164	40827	19.97	ug/l	95
65) Chlorobenzene	10.70	112	97173	20.21	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.83	131	41411	21.37	ug/l	92
67) Ethyl Benzene	10.84	91	180475	21.80	ug/l	98
68) m/p-Xylenes	10.99	106	115898	41.31	ug/l	99
69) o-Xylene	11.39	106	58224	21.62	ug/l	88
70) Styrene	11.42	104	98108	20.54	ug/l	98
71) Bromoform	11.58	173	29493	20.94	ug/l	95
73) Isopropylbenzene	11.76	105	164952	18.95	ug/l	95
74) N-amyl acetate	11.63	43	48109	18.03	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.07	83	32766	18.54	ug/l	95
76) 1,2,3-Trichloropropane	12.10	75	37568	19.26	ug/l	99
77) Bromobenzene	12.03	156	49355	19.84	ug/l	95
78) n-propylbenzene	12.14	91	209632	19.31	ug/l	94
79) 2-Chlorotoluene	12.20	91	137578	21.01	ug/l	94
80) 1,3,5-Trimethylbenzene	12.30	105	140985	20.23	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.83	75	8010	17.55	ug/l	88
82) 4-Chlorotoluene	12.31	91	152572	20.53	ug/l	97
83) tert-Butylbenzene	12.56	119	148509	19.28	ug/l	95
84) 1,2,4-Trimethylbenzene	12.61	105	142609	18.99	ug/l	98
85) sec-Butylbenzene	12.75	105	180126	20.18	ug/l	96
86) p-Isopropyltoluene	12.87	119	152276	20.39	ug/l	95
87) 1,3-Dichlorobenzene	12.82	146	89495	20.07	ug/l	97
88) 1,4-Dichlorobenzene	12.91	146	86334	19.52	ug/l	96
89) n-Butylbenzene	13.19	91	148244	19.63	ug/l	98
90) Hexachloroethane	13.39	117	38212	20.39	ug/l	83
91) 1,2-Dichlorobenzene	13.18	146	74005	20.17	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.76	75	6670	21.15	ug/l	68

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081618\
Data File : VD059823.D
Acq On : 16 Aug 2018 21:06
Operator : VA/AP
Sample : VD0816SBSD01
Misc : 5.06g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0816SBSD01

Quant Time: Aug 17 05:36:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 16:08:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	62175	20.27	ug/l	98
94) Hexachlorobutadiene	14.43	225	46456	20.52	ug/l	96
95) Naphthalene	14.51	128	90373	19.24	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	55429	20.48	ug/l	98

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

