

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061827.D
 Acq On : 17 Apr 2019 1:24
 Operator : VA/AP
 Sample : VD0416SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0416SBS02

Quant Time: Apr 17 02:07:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	591486	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	8.21	114	913949	50.00	ug/l	-0.05
63) Chlorobenzene-d5	12.37	117	784157	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.51	152	384855	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	228907	46.18	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	92.36%	
35) Dibromofluoromethane	6.92	113	327052	47.37	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	10.41	98	819193	50.07	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	13.56	95	291476	43.95	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	87.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	91933	15.924	ug/l	95
3) Chloromethane	1.75	50	84663	18.401	ug/l	91
4) Vinyl Chloride	1.84	62	72332	15.841	ug/l	98
5) Bromomethane	2.15	94	16585	13.544	ug/l	85
6) Chloroethane	2.26	64	27369	17.570	ug/l	97
7) Trichlorofluoromethane	2.52	101	129400	17.473	ug/l	99
8) Diethyl Ether	2.87	74	34321	17.684	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.14	101	123234	18.663	ug/l	93
10) Methyl Iodide	3.30	142	171226	18.616	ug/l	99
11) Tert butyl alcohol	4.06	59	24759	84.693	ug/l	97
12) 1,1-Dichloroethene	3.12	96	100341	18.075	ug/l	95
13) Acrolein	3.04	56	26423	93.365	ug/l	98
14) Allyl chloride	3.62	41	141062	18.643	ug/l	98
15) Acrylonitrile	4.19	53	88889	96.854	ug/l	97
16) Acetone	3.22	43	97460	79.770	ug/l	97
17) Carbon Disulfide	3.37	76	294365	16.412	ug/l	100
18) Methyl Acetate	3.64	43	47220	19.283	ug/l	99
19) Methyl tert-butyl Ether	4.24	73	194089	18.735	ug/l	94
20) Methylene Chloride	3.81	84	132489	18.969	ug/l	97
21) trans-1,2-Dichloroethene	4.22	96	113480	18.601	ug/l	98
22) Diisopropyl ether	5.11	45	293964	18.175	ug/l	95
23) Vinyl Acetate	5.05	43	809669	93.644	ug/l	99
24) 1,1-Dichloroethane	4.98	63	179975	18.353	ug/l	99
25) 2-Butanone	6.06	43	120308	86.494	ug/l	95
26) 2,2-Dichloropropane	6.03	77	142960	16.866	ug/l	94
27) cis-1,2-Dichloroethene	6.04	96	128810	19.477	ug/l	92
28) Bromochloromethane	6.43	49	73282	19.674	ug/l	92
29) Tetrahydrofuran	6.45	42	63369	93.527	ug/l	99
30) Chloroform	6.67	83	218192	19.948	ug/l	98
31) Cyclohexane	6.95	56	125087	16.662	ug/l	98
32) 1,1,1-Trichloroethane	6.87	97	174037	17.949	ug/l	99
36) 1,1-Dichloropropene	7.15	75	148883	19.935	ug/l	98
37) Ethyl Acetate	6.18	43	62982	19.704	ug/l	98
38) Carbon Tetrachloride	7.11	117	180654	19.156	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061827.D
 Acq On : 17 Apr 2019 1:24
 Operator : VA/AP
 Sample : VD0416SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0416SBS02

Quant Time: Apr 17 02:07:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	8.86	83	152261	19.633	ug/l	95
40) Benzene	7.46	78	361059	20.137	ug/l	97
41) Methacrylonitrile	6.45	41	72094	19.082	ug/l #	89
42) 1,2-Dichloroethane	7.57	62	124924	20.005	ug/l	99
43) Isopropyl Acetate	9.24	43	91325	20.303	ug/l	95
44) Trichloroethene	8.54	130	133742	19.376	ug/l	100
45) 1,2-Dichloropropane	8.94	63	95017	20.345	ug/l	97
46) Dibromomethane	9.06	93	67739	20.355	ug/l	97
47) Bromodichloromethane	9.38	83	158046	20.586	ug/l	97
48) Methyl methacrylate	9.12	41	56038	21.194	ug/l	98
49) 1,4-Dioxane	9.08	88	10713	370.693	ug/l #	87
51) 4-Methyl-2-Pentanone	10.30	43	273539	99.441	ug/l	98
52) Toluene	10.51	92	249083	21.678	ug/l	100
53) t-1,3-Dichloropropene	10.91	75	141467	20.450	ug/l	97
54) cis-1,3-Dichloropropene	10.03	75	157341	19.376	ug/l	97
55) 1,1,2-Trichloroethane	11.19	97	81899	21.153	ug/l	98
56) Ethyl methacrylate	11.04	69	83217	19.583	ug/l	95
57) 1,3-Dichloropropane	11.40	76	127217	21.856	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.86	63	247219	122.313	ug/l	99
59) 2-Hexanone	11.53	43	198103	96.964	ug/l	96
60) Dibromochloromethane	11.69	129	129461	20.435	ug/l	99
61) 1,2-Dibromoethane	11.81	107	93425	19.624	ug/l	96
64) Tetrachloroethene	11.26	164	111830	19.016	ug/l	98
65) Chlorobenzene	12.40	112	301769	20.664	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	123565	20.191	ug/l	93
67) Ethyl Benzene	12.53	91	490285	20.964	ug/l	99
68) m/p-Xylenes	12.66	106	360067	40.987	ug/l	99
69) o-Xylene	13.05	106	163346	19.783	ug/l	94
70) Styrene	13.08	104	276448	19.456	ug/l	97
71) Bromoform	13.23	173	71606	19.712	ug/l #	96
73) Isopropylbenzene	13.40	105	478135	19.157	ug/l	99
74) N-amyl acetate	13.26	43	119091	17.744	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	88851	18.009	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	82646	16.352	ug/l	97
77) Bromobenzene	13.67	156	132892	18.744	ug/l	90
78) n-propylbenzene	13.78	91	518203	17.970	ug/l	98
79) 2-Chlorotoluene	13.83	91	328742	19.515	ug/l	96
80) 1,3,5-Trimethylbenzene	13.93	105	349414	17.643	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.47	75	23211	16.550	ug/l	89
82) 4-Chlorotoluene	13.94	91	336241	17.438	ug/l	91
83) tert-Butylbenzene	14.19	119	430701	18.522	ug/l	95
84) 1,2,4-Trimethylbenzene	14.24	105	366160	18.394	ug/l	97
85) sec-Butylbenzene	14.37	105	475736	19.790	ug/l	99
86) p-Isopropyltoluene	14.49	119	430491	19.140	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	238404	19.261	ug/l	98
88) 1,4-Dichlorobenzene	14.53	146	226515	18.514	ug/l	98
89) n-Butylbenzene	14.80	91	391983	19.688	ug/l	98
90) Hexachloroethane	15.01	117	116780	19.049	ug/l	98
91) 1,2-Dichlorobenzene	14.81	146	207973	20.060	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	12460	20.948	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041619\
Data File : VD061827.D
Acq On : 17 Apr 2019 1:24
Operator : VA/AP
Sample : VD0416SBSD02
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0416SBSD02

Quant Time: Apr 17 02:07:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	102605	18.019	ug/l	95
94) Hexachlorobutadiene	16.04	225	74230	17.988	ug/l	98
95) Naphthalene	16.12	128	165356	18.946	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	61902	19.076	ug/l	99

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

