

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071519\
 Data File : VD063083.D
 Acq On : 15 Jul 2019 16:27
 Operator : VA/AP
 Sample : VD0715SBS01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0715SBS01

Quant Time: Jul 16 08:20:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	752918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	983260	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	811212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	472070	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	421483	44.94	ug/l	0.00
Spiked Amount			Recovery	=	89.88%	
35) Dibromofluoromethane	6.91	113	472115	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
50) Toluene-d8	10.41	98	1018342	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
62) 4-Bromofluorobenzene	13.55	95	484819	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	225997	27.158	ug/l	97
3) Chloromethane	1.73	50	180007	24.695	ug/l #	86
4) Vinyl Chloride	1.83	62	167619	20.859	ug/l	99
5) Bromomethane	2.14	94	66506	19.723	ug/l	92
6) Chloroethane	2.24	64	83328	22.323	ug/l #	84
7) Trichlorofluoromethane	2.51	101	344973	21.207	ug/l	98
8) Diethyl Ether	2.85	74	47092	20.580	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.13	101	181094	19.307	ug/l	94
10) Methyl Iodide	3.29	142	232145	20.160	ug/l	98
11) Tert butyl alcohol	4.08	59	53007	97.930	ug/l #	89
12) 1,1-Dichloroethene	3.11	96	132755	19.931	ug/l	94
13) Acrolein	3.02	56	19885	121.721	ug/l #	77
14) Allyl chloride	3.60	41	220959	21.107	ug/l	98
15) Acrylonitrile	4.18	53	119365	99.762	ug/l	100
16) Acetone	3.21	43	208534	92.055	ug/l	96
17) Carbon Disulfide	3.36	76	422764	22.174	ug/l	96
18) Methyl Acetate	3.63	43	97463	30.082	ug/l	94
19) Methyl tert-butyl Ether	4.22	73	324923	19.324	ug/l #	91
20) Methylene Chloride	3.80	84	157435	18.396	ug/l	92
21) trans-1,2-Dichloroethene	4.19	96	153897	20.813	ug/l	96
22) Diisopropyl ether	5.11	45	476971	20.956	ug/l	99
23) Vinyl Acetate	5.04	43	1303757	98.184	ug/l	98
24) 1,1-Dichloroethane	4.96	63	293193	20.912	ug/l #	97
25) 2-Butanone	6.06	43	208867	96.555	ug/l	97
26) 2,2-Dichloropropane	6.01	77	332639	21.438	ug/l	100
27) cis-1,2-Dichloroethene	6.01	96	168898	20.080	ug/l	96
28) Bromochloromethane	6.42	49	104145	20.475	ug/l	90
29) Tetrahydrofuran	6.46	42	94634	96.507	ug/l	97
30) Chloroform	6.65	83	362664	21.004	ug/l	96
31) Cyclohexane	6.93	56	183015	20.498	ug/l	95
32) 1,1,1-Trichloroethane	6.86	97	345792	20.309	ug/l	98
36) 1,1-Dichloropropene	7.13	75	242812	21.957	ug/l	92
37) Ethyl Acetate	6.17	43	98275	20.765	ug/l #	94
38) Carbon Tetrachloride	7.10	117	350797	20.876	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071519\
 Data File : VD063083.D
 Acq On : 15 Jul 2019 16:27
 Operator : VA/AP
 Sample : VD0715SBS01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0715SBS01

Quant Time: Jul 16 08:20:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	208584	21.817	ug/l	92
40) Benzene	7.44	78	493771	21.319	ug/l	98
41) Methacrylonitrile	6.45	41	124569	19.414	ug/l #	87
42) 1,2-Dichloroethane	7.57	62	249626	20.230	ug/l	98
43) Isopropyl Acetate	9.23	43	140315	20.684	ug/l #	99
44) Trichloroethene	8.53	130	198978	22.230	ug/l	96
45) 1,2-Dichloropropane	8.93	63	124785	21.609	ug/l	95
46) Dibromomethane	9.06	93	105682	21.297	ug/l	94
47) Bromodichloromethane	9.36	83	262895	20.302	ug/l	94
48) Methyl methacrylate	9.12	41	95947	21.538	ug/l	94
49) 1,4-Dioxane	9.08	88	16107	419.239	ug/l #	80
51) 4-Methyl-2-Pentanone	10.29	43	477219	106.064	ug/l	95
52) Toluene	10.50	92	311979	20.171	ug/l	99
53) t-1,3-Dichloropropene	10.91	75	226284	20.397	ug/l	97
54) cis-1,3-Dichloropropene	10.03	75	238552	20.796	ug/l	92
55) 1,1,2-Trichloroethane	11.18	97	113029	21.147	ug/l	94
56) Ethyl methacrylate	11.04	69	109570	18.348	ug/l	95
57) 1,3-Dichloropropane	11.40	76	185568	22.817	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.84	63	336109	101.080	ug/l	95
59) 2-Hexanone	11.53	43	335775	96.767	ug/l	95
60) Dibromochloromethane	11.68	129	212430	20.734	ug/l	99
61) 1,2-Dibromoethane	11.79	107	135320	21.151	ug/l	99
64) Tetrachloroethene	11.25	164	172270	21.885	ug/l	97
65) Chlorobenzene	12.39	112	408549	21.424	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.50	131	193991	21.942	ug/l	97
67) Ethyl Benzene	12.51	91	713871	21.545	ug/l	97
68) m/p-Xylenes	12.66	106	521556	43.949	ug/l	91
69) o-Xylene	13.04	106	251270	22.330	ug/l	100
70) Styrene	13.06	104	437422	22.208	ug/l	98
71) Bromoform	13.23	173	133631	21.590	ug/l #	93
73) Isopropylbenzene	13.40	105	759454	20.832	ug/l	96
74) N-amyl acetate	13.26	43	194743	19.154	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.69	83	124676	18.796	ug/l	94
76) 1,2,3-Trichloropropane	13.72	75	144933	19.958	ug/l	99
77) Bromobenzene	13.66	156	208330	20.151	ug/l	89
78) n-propylbenzene	13.77	91	886061	21.120	ug/l	97
79) 2-Chlorotoluene	13.83	91	493836	19.468	ug/l	99
80) 1,3,5-Trimethylbenzene	13.93	105	651720	20.511	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	37782	19.757	ug/l	91
82) 4-Chlorotoluene	13.94	91	625982	21.133	ug/l	93
83) tert-Butylbenzene	14.19	119	725674	20.199	ug/l	91
84) 1,2,4-Trimethylbenzene	14.23	105	669799	21.145	ug/l	94
85) sec-Butylbenzene	14.36	105	750935	19.673	ug/l	97
86) p-Isopropyltoluene	14.48	119	739999	20.781	ug/l	96
87) 1,3-Dichlorobenzene	14.45	146	367238	19.891	ug/l	95
88) 1,4-Dichlorobenzene	14.53	146	351690	19.869	ug/l	95
89) n-Butylbenzene	14.80	91	667052	20.324	ug/l	99
90) Hexachloroethane	15.00	117	191164	20.082	ug/l	87
91) 1,2-Dichlorobenzene	14.81	146	333758	20.301	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	15.38	75	24153	18.997	ug/l	73

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071519\
Data File : VD063083.D
Acq On : 15 Jul 2019 16:27
Operator : VA/AP
Sample : VD0715SBS01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0715SBS01

Quant Time: Jul 16 08:20:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	233877	18.935	ug/l	99
94) Hexachlorobutadiene	16.04	225	195463	21.470	ug/l	98
95) Naphthalene	16.12	128	360383	19.946	ug/l	95
96) 1,2,3-Trichlorobenzene	16.26	180	190834	19.206	ug/l	92

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

