

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062809.D
 Acq On : 21 Jun 2019 11:58
 Operator : VA/AP
 Sample : VD0621SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBS01

Quant Time: Jun 22 04:12:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	920206	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.25	114	1242152	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	956145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	604063	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.48	65	577082	57.69	ug/l	0.02
Spiked Amount			Recovery	=	115.38%	
35) Dibromofluoromethane	6.95	113	554365	52.93	ug/l	0.02
Spiked Amount			Recovery	=	105.86%	
50) Toluene-d8	10.43	98	1187041	52.07	ug/l	0.02
Spiked Amount			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	13.57	95	538156	51.92	ug/l	0.02
Spiked Amount			Recovery	=	103.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	250927	21.072	ug/l	98
3) Chloromethane	1.76	50	181285	20.243	ug/l	96
4) Vinyl Chloride	1.86	62	175233	19.735	ug/l	99
5) Bromomethane	2.16	94	74433	17.900	ug/l	96
6) Chloroethane	2.27	64	72905	18.136	ug/l	98
7) Trichlorofluoromethane	2.54	101	356733	19.852	ug/l	100
8) Diethyl Ether	2.89	74	45759	20.042	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.16	101	189523	19.468	ug/l	95
10) Methyl Iodide	3.31	142	221463	17.243	ug/l	99
11) Tert butyl alcohol	4.10	59	37340	81.965	ug/l #	88
12) 1,1-Dichloroethene	3.14	96	139722	19.132	ug/l	92
13) Acrolein	3.05	56	41919	90.134	ug/l	96
14) Allyl chloride	3.63	41	202927	18.805	ug/l	97
15) Acrylonitrile	4.23	53	110371	103.108	ug/l	94
16) Acetone	3.25	43	192739	90.558	ug/l #	91
17) Carbon Disulfide	3.38	76	449271	19.249	ug/l #	94
18) Methyl Acetate	3.67	43	69086	22.880	ug/l	97
19) Methyl tert-butyl Ether	4.27	73	335826	21.242	ug/l	100
20) Methylene Chloride	3.84	84	146153	19.159	ug/l	98
21) trans-1,2-Dichloroethene	4.24	96	150161	19.311	ug/l	91
22) Diisopropyl ether	5.15	45	438703	19.991	ug/l	96
23) Vinyl Acetate	5.09	43	1369646	99.740	ug/l	99
24) 1,1-Dichloroethane	5.01	63	261717	18.317	ug/l	98
25) 2-Butanone	6.10	43	197635	105.644	ug/l #	92
26) 2,2-Dichloropropane	6.04	77	307755	20.321	ug/l	90
27) cis-1,2-Dichloroethene	6.06	96	161751	19.670	ug/l	96
28) Bromochloromethane	6.46	49	101561	20.182	ug/l	96
29) Tetrahydrofuran	6.48	42	92693	104.722	ug/l	94
30) Chloroform	6.69	83	337662	19.432	ug/l	96
31) Cyclohexane	6.98	56	169157	18.009	ug/l	90
32) 1,1,1-Trichloroethane	6.90	97	336501	18.592	ug/l	91
36) 1,1-Dichloropropene	7.17	75	224488	19.091	ug/l	96
37) Ethyl Acetate	6.21	43	97975	19.156	ug/l	97
38) Carbon Tetrachloride	7.13	117	340992	19.282	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062809.D
 Acq On : 21 Jun 2019 11:58
 Operator : VA/AP
 Sample : VD0621SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0621SBS01

Quant Time: Jun 22 04:12:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.89	83	186586	18.027	ug/l	85
40) Benzene	7.48	78	456144	19.325	ug/l	91
41) Methacrylonitrile	6.47	41	121179	19.542	ug/l	96
42) 1,2-Dichloroethane	7.61	62	257719	20.015	ug/l	100
43) Isopropyl Acetate	9.26	43	124314	20.165	ug/l #	95
44) Trichloroethene	8.56	130	181286	19.591	ug/l	92
45) 1,2-Dichloropropane	8.95	63	111938	19.072	ug/l	95
46) Dibromomethane	9.08	93	99491	19.734	ug/l	98
47) Bromodichloromethane	9.40	83	270215	20.637	ug/l #	99
48) Methyl methacrylate	9.14	41	89849	20.510	ug/l	99
49) 1,4-Dioxane	9.12	88	14506	398.003	ug/l #	82
51) 4-Methyl-2-Pentanone	10.32	43	450390	103.047	ug/l	94
52) Toluene	10.53	92	303626	19.137	ug/l	100
53) t-1,3-Dichloropropene	10.93	75	207799	19.390	ug/l	95
54) cis-1,3-Dichloropropene	10.06	75	222018	19.060	ug/l	99
55) 1,1,2-Trichloroethane	11.21	97	107724	19.762	ug/l	96
56) Ethyl methacrylate	11.06	69	112572	19.324	ug/l	95
57) 1,3-Dichloropropane	11.43	76	166287	19.923	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.88	63	323267	108.091	ug/l	99
59) 2-Hexanone	11.55	43	342486	110.025	ug/l	100
60) Dibromochloromethane	11.70	129	201788	19.874	ug/l	97
61) 1,2-Dibromoethane	11.82	107	123986	19.259	ug/l	99
64) Tetrachloroethene	11.28	164	163851	20.822	ug/l	97
65) Chlorobenzene	12.41	112	375559	21.164	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.53	131	170606	20.558	ug/l	97
67) Ethyl Benzene	12.54	91	663072	20.813	ug/l	96
68) m/p-Xylenes	12.69	106	475340	42.838	ug/l	95
69) o-Xylene	13.06	106	227071	22.385	ug/l	86
70) Styrene	13.09	104	383336	21.515	ug/l	94
71) Bromoform	13.25	173	124672	21.927	ug/l	97
73) Isopropylbenzene	13.41	105	689694	17.807	ug/l	98
74) N-amyl acetate	13.28	43	186242	19.801	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.71	83	123066	19.501	ug/l	95
76) 1,2,3-Trichloropropane	13.74	75	135361	19.411	ug/l	98
77) Bromobenzene	13.68	156	187103	17.960	ug/l	90
78) n-propylbenzene	13.79	91	788090	17.482	ug/l	97
79) 2-Chlorotoluene	13.85	91	461105	17.898	ug/l	96
80) 1,3,5-Trimethylbenzene	13.95	105	622173	19.124	ug/l	94
81) trans-1,4-Dichloro-2-buten	13.48	75	35849	19.615	ug/l	88
82) 4-Chlorotoluene	13.96	91	601558	19.395	ug/l	95
83) tert-Butylbenzene	14.20	119	689698	19.019	ug/l	95
84) 1,2,4-Trimethylbenzene	14.25	105	624538	18.730	ug/l	97
85) sec-Butylbenzene	14.38	105	744881	18.899	ug/l	96
86) p-Isopropyltoluene	14.50	119	717673	19.904	ug/l	99
87) 1,3-Dichlorobenzene	14.47	146	355116	19.016	ug/l	98
88) 1,4-Dichlorobenzene	14.55	146	369627	19.707	ug/l	98
89) n-Butylbenzene	14.81	91	643759	19.076	ug/l	96
90) Hexachloroethane	15.02	117	179902	18.557	ug/l	92
91) 1,2-Dichlorobenzene	14.82	146	313014	19.591	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.39	75	23874	19.383	ug/l #	49

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
Data File : VD062809.D
Acq On : 21 Jun 2019 11:58
Operator : VA/AP
Sample : VD0621SBSD01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0621SBSD01

Quant Time: Jun 22 04:12:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	235008	18.829	ug/l	99
94) Hexachlorobutadiene	16.04	225	178224	18.692	ug/l	99
95) Naphthalene	16.13	128	339297	19.396	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	181798	18.958	ug/l	93

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062119\
Data File : VD062809.D
Acq On : 21 Jun 2019 11:58
Operator : VA/AP
Sample : VD0621SBSD01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0621SBSD01

Quant Time: Jun 22 04:12:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration

