

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022720\
 Data File : VD065341.D
 Acq On : 27 Feb 2020 11:50
 Operator : VA/SY
 Sample : VD0227SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0227SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 9:59:10 AM

Quant Time: Feb 28 01:06:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	473499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	708662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	640556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	319427	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	204943	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	7.92	113	218436	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	10.34	98	859362	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.64	95	273758	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	73217	18.436	ug/l	93
3) Chloromethane	2.21	50	97363	19.261	ug/l	99
4) Vinyl Chloride	2.35	62	98383	19.140	ug/l	98
5) Bromomethane	2.76	94	62338	20.058	ug/l	99
6) Chloroethane	2.93	64	62034	19.771	ug/l	97
7) Trichlorofluoromethane	3.27	101	148418	20.168	ug/l	97
8) Diethyl Ether	3.71	74	45179	20.338	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	99515	21.414	ug/l	99
10) Methyl Iodide	4.30	142	98648	20.444	ug/l	100
11) Tert butyl alcohol	5.25	59	24287	95.415	ug/l	97
12) 1,1-Dichloroethene	4.07	96	91905	20.935	ug/l	98
13) Acrolein	3.93	56	34500	92.184	ug/l	98
14) Allyl chloride	4.72	41	143328	20.105	ug/l	98
15) Acrylonitrile	5.43	53	97557	99.196	ug/l	100
16) Acetone	4.16	43	85838	82.436	ug/l	99
17) Carbon Disulfide	4.40	76	286731	19.481	ug/l	99
18) Methyl Acetate	4.73	43	50512	21.569	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	180938	19.764	ug/l	97
20) Methylene Chloride	4.96	84	108508	20.708	ug/l	91
21) trans-1,2-Dichloroethene	5.47	96	105373	21.114	ug/l	92
22) Diisopropyl ether	6.37	45	287979	20.954	ug/l	99
23) Vinyl Acetate	6.31	43	714445	94.297	ug/l	100
24) 1,1-Dichloroethane	6.27	63	176985	20.762	ug/l	97
25) 2-Butanone	7.23	43	117608	89.271	ug/l	97
26) 2,2-Dichloropropane	7.21	77	152316	20.594	ug/l	100
27) cis-1,2-Dichloroethene	7.22	96	109560	20.725	ug/l	99
28) Bromochloromethane	7.56	49	55862	17.664	ug/l	98
29) Tetrahydrofuran	7.57	42	75424	97.711	ug/l	99
30) Chloroform	7.71	83	177636	20.684	ug/l	96
31) Cyclohexane	7.99	56	167642	20.016	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	162688	21.173	ug/l	99
36) 1,1-Dichloropropene	8.11	75	146050	21.181	ug/l	100
37) Ethyl Acetate	7.30	43	56211	19.500	ug/l	99
38) Carbon Tetrachloride	8.10	117	148022	21.088	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022720\
 Data File : VD065341.D
 Acq On : 27 Feb 2020 11:50
 Operator : VA/SY
 Sample : VD0227SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0227SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 9:59:10 AM

Quant Time: Feb 28 01:06:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	165490	20.415	ug/l	99
40) Benzene	8.36	78	402336	20.672	ug/l	97
41) Methacrylonitrile	7.53	41	28422	17.077	ug/l #	92
42) 1,2-Dichloroethane	8.43	62	106808	19.962	ug/l	100
43) Isopropyl Acetate	8.46	43	99301	18.944	ug/l	98
44) Trichloroethene	9.11	130	114854	21.289	ug/l	96
45) 1,2-Dichloropropane	9.39	63	99774	20.616	ug/l	99
46) Dibromomethane	9.48	93	51643	20.740	ug/l	99
47) Bromodichloromethane	9.67	83	135196	20.602	ug/l	95
48) Methyl methacrylate	9.46	41	47051	19.419	ug/l	95
49) 1,4-Dioxane	9.46	88	10985	376.140	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	255587	95.999	ug/l	99
52) Toluene	10.41	92	262497	21.789	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	124034	20.392	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	148858	20.267	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	71566	20.420	ug/l	98
56) Ethyl methacrylate	10.67	69	78438	19.390	ug/l	97
57) 1,3-Dichloropropane	10.95	76	122303	20.503	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.95	63	118743	93.106	ug/l	100
59) 2-Hexanone	10.99	43	180113	94.505	ug/l	100
60) Dibromochloromethane	11.14	129	91146	20.319	ug/l	96
61) 1,2-Dibromoethane	11.25	107	67349	20.296	ug/l	99
64) Tetrachloroethene	10.88	164	97731	21.512	ug/l	97
65) Chlorobenzene	11.67	112	272640	21.210	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	101440	21.147	ug/l	99
67) Ethyl Benzene	11.75	91	476855	21.181	ug/l	98
68) m/p-Xylenes	11.86	106	370392	43.002	ug/l	100
69) o-Xylene	12.19	106	160486	21.031	ug/l	100
70) Styrene	12.20	104	292202	21.567	ug/l	99
71) Bromoform	12.37	173	54389	20.433	ug/l #	100
73) Isopropylbenzene	12.48	105	445051	21.045	ug/l	99
74) N-amyl acetate	12.30	43	90529	19.265	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	78041	20.447	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	52883m	19.458	ug/l	
77) Bromobenzene	12.77	156	110845	21.108	ug/l	98
78) n-propylbenzene	12.83	91	547089	21.527	ug/l	100
79) 2-Chlorotoluene	12.91	91	302648	21.258	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	374022	21.474	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	22948	18.231	ug/l	100
82) 4-Chlorotoluene	13.01	91	320456	21.202	ug/l	99
83) tert-Butylbenzene	13.23	119	320663	21.966	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	373525	21.425	ug/l	99
85) sec-Butylbenzene	13.41	105	451503	21.464	ug/l	100
86) p-Isopropyltoluene	13.53	119	410683	21.349	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	211686	20.852	ug/l	98
88) 1,4-Dichlorobenzene	13.61	146	208875	20.847	ug/l	99
89) n-Butylbenzene	13.86	91	380210	21.449	ug/l	98
90) Hexachloroethane	14.12	117	80693	20.659	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	181067	20.772	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.53	75	11449	19.466	ug/l	92

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022720\
Data File : VD065341.D
Acq On : 27 Feb 2020 11:50
Operator : VA/SY
Sample : VD0227SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0227SBSD01

Manual Integrations
APPROVED

MMDadoda
2/28/2020 9:59:10 AM

Quant Time: Feb 28 01:06:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	120191	21.080	ug/l	98
94) Hexachlorobutadiene	15.28	225	78401	21.435	ug/l	99
95) Naphthalene	15.42	128	180977	19.524	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	103958	20.876	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022720\
Data File : VD065341.D
Acq On : 27 Feb 2020 11:50
Operator : VA/SY
Sample : VD0227SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0227SBS01

Manual Integrations
APPROVED

MMDadoda
2/28/2020 9:59:10 AM

Quant Time: Feb 28 01:06:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration

