

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051219\
 Data File : VW010401.D
 Acq On : 12 May 2019 11:43
 Operator : SY/VA
 Sample : VW0512SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0512SBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 12:27:15 PM

Quant Time: May 13 05:44:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1414796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2254423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	2046451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	1039811	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	631990	42.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.04%	
35) Dibromofluoromethane	7.88	113	558924	42.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.74%	
50) Toluene-d8	10.32	98	2247871	41.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.68%	
62) 4-Bromofluorobenzene	12.62	95	819362	43.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	188405	17.628	ug/l	98
3) Chloromethane	2.21	50	250073	17.267	ug/l	97
4) Vinyl Chloride	2.37	62	331969	18.444	ug/l	99
5) Bromomethane	2.77	94	193561	18.649	ug/l	94
6) Chloroethane	2.92	64	198624	19.082	ug/l	100
7) Trichlorofluoromethane	3.25	101	156687	17.390	ug/l	99
8) Diethyl Ether	3.67	74	161474	20.386	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	287310	19.460	ug/l	98
10) Methyl Iodide	4.26	142	402357	19.245	ug/l	95
11) Tert butyl alcohol	5.18	59	84795	79.828	ug/l	98
12) 1,1-Dichloroethene	4.03	96	294308	19.077	ug/l	95
13) Acrolein	3.88	56	98648	70.341	ug/l	95
14) Allyl chloride	4.66	41	449165	19.505	ug/l	93
15) Acrylonitrile	5.36	53	360791	82.178	ug/l	98
16) Acetone	4.12	43	314227	80.137	ug/l	91
17) Carbon Disulfide	4.37	76	847268	18.159	ug/l	99
18) Methyl Acetate	4.67	43	162344	16.715	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	367755	20.024	ug/l	99
20) Methylene Chloride	4.91	84	320410	19.591	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	324539	19.543	ug/l	97
22) Diisopropyl ether	6.31	45	990886	22.171	ug/l	94
23) Vinyl Acetate	6.25	43	3013966	98.211	ug/l	96
24) 1,1-Dichloroethane	6.21	63	615767	20.464	ug/l	99
25) 2-Butanone	7.17	43	474468	79.097	ug/l	99
26) 2,2-Dichloropropane	7.16	77	310218	20.721	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	349593	20.471	ug/l	96
28) Bromochloromethane	7.51	49	270987	24.427	ug/l	99
29) Tetrahydrofuran	7.53	42	314908	81.164	ug/l	97
30) Chloroform	7.67	83	590428	20.966	ug/l	100
31) Cyclohexane	7.95	56	597761	19.402	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	442702	20.296	ug/l	100
36) 1,1-Dichloropropene	8.08	75	490032	20.047	ug/l	99
37) Ethyl Acetate	7.25	43	226549	17.407	ug/l	98
38) Carbon Tetrachloride	8.06	117	417006	19.901	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051219\
 Data File : VW010401.D
 Acq On : 12 May 2019 11:43
 Operator : SY/VA
 Sample : VW0512SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0512SBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 12:27:15 PM

Quant Time: May 13 05:44:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	584006	19.530	ug/l	96
40) Benzene	8.32	78	1358472	20.293	ug/l	100
41) Methacrylonitrile	7.48	41	122668	16.806	ug/l	94
42) 1,2-Dichloroethane	8.40	62	401295	20.942	ug/l	97
43) Isopropyl Acetate	8.43	43	384095	17.795	ug/l	97
44) Trichloroethene	9.09	130	332941	19.866	ug/l	95
45) 1,2-Dichloropropane	9.37	63	348738	20.958	ug/l	97
46) Dibromomethane	9.46	93	169035	19.663	ug/l	96
47) Bromodichloromethane	9.64	83	427279	20.721	ug/l	98
48) Methyl methacrylate	9.44	41	186441	18.268	ug/l	87
49) 1,4-Dioxane	9.45	88	54455	363.238	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	1064558	86.012	ug/l	94
52) Toluene	10.39	92	854508	20.884	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	425607	20.376	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	518048	20.942	ug/l	90
55) 1,1,2-Trichloroethane	10.79	97	244540	20.028	ug/l	97
56) Ethyl methacrylate	10.65	69	310589	19.263	ug/l #	89
57) 1,3-Dichloropropane	10.93	76	448432	20.544	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	817735	105.928	ug/l	100
59) 2-Hexanone	10.97	43	743984	85.018	ug/l	94
60) Dibromochloromethane	11.13	129	270382	20.579	ug/l	100
61) 1,2-Dibromoethane	11.23	107	230936	19.703	ug/l	98
64) Tetrachloroethene	10.86	164	283673	19.833	ug/l	99
65) Chlorobenzene	11.66	112	860821	20.320	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	297161	20.754	ug/l	98
67) Ethyl Benzene	11.73	91	1612466	20.691	ug/l	100
68) m/p-Xylenes	11.84	106	1217104	42.035	ug/l	100
69) o-Xylene	12.16	106	546640	20.870	ug/l	98
70) Styrene	12.18	104	971641	21.290	ug/l	99
71) Bromoform	12.35	173	150754	18.419	ug/l #	97
73) Isopropylbenzene	12.47	105	1546170	20.400	ug/l	99
74) N-amyl acetate	12.27	43	361789	18.477	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	294960	17.663	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	216202m	17.834	ug/l	
77) Bromobenzene	12.75	156	347619	20.313	ug/l	99
78) n-propylbenzene	12.80	91	1933260	20.652	ug/l	99
79) 2-Chlorotoluene	12.90	91	1093042	20.504	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1338025	20.941	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	90768	16.908	ug/l	96
82) 4-Chlorotoluene	12.99	91	1152403	20.632	ug/l	99
83) tert-Butylbenzene	13.21	119	1069320	20.064	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1346646	21.209	ug/l	100
85) sec-Butylbenzene	13.38	105	1613088	20.503	ug/l	100
86) p-Isopropyltoluene	13.50	119	1453255	20.804	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	704751	20.623	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	693366	20.446	ug/l	99
89) n-Butylbenzene	13.83	91	1445786	20.641	ug/l	99
90) Hexachloroethane	14.10	117	255040	19.684	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	624132	20.632	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	46481	15.456	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051219\
Data File : VW010401.D
Acq On : 12 May 2019 11:43
Operator : SY/VA
Sample : VW0512SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0512SBSD01

Manual Integrations
APPROVED

MMDadoda
5/13/2019 12:27:15 PM

Quant Time: May 13 05:44:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260
QLast Update : Fri May 10 03:41:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	441484	21.384	ug/l	99
94) Hexachlorobutadiene	15.24	225	270425	20.432	ug/l	99
95) Naphthalene	15.37	128	764547	18.639	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	383308	20.552	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW051219\
 Data File : VW010401.D
 Acq On : 12 May 2019 11:43
 Operator : SY/VA
 Sample : VW0512SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0512SBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 12:27:15 PM

Quant Time: May 13 05:44:45 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

