

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042220\
 Data File : VW015302.D
 Acq On : 22 Apr 2020 12:45
 Operator : SY/VA
 Sample : VW0422SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0422SBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 1:32:55 PM

Quant Time: Apr 23 09:30:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	337966	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	177626	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	98506	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
35) Dibromofluoromethane	7.88	113	99321	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
50) Toluene-d8	10.32	98	400266	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.62	95	154065	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	37930	20.470	ug/l	96
3) Chloromethane	2.21	50	41456	20.545	ug/l	98
4) Vinyl Chloride	2.35	62	48460	20.338	ug/l	100
5) Bromomethane	2.78	94	42170	24.891	ug/l	98
6) Chloroethane	2.92	64	31862	21.557	ug/l	100
7) Trichlorofluoromethane	3.26	101	70055	20.777	ug/l	98
8) Diethyl Ether	3.69	74	19162	20.247	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44009	21.166	ug/l	93
10) Methyl Iodide	4.28	142	40467	18.529	ug/l	99
11) Tert butyl alcohol	5.24	59	10477m	66.983	ug/l	
12) 1,1-Dichloroethene	4.04	96	40989	20.481	ug/l	92
13) Acrolein	3.91	56	10057	122.848	ug/l	96
14) Allyl chloride	4.67	41	51246	19.301	ug/l #	84
15) Acrylonitrile	5.38	53	32701	90.795	ug/l	97
16) Acetone	4.17	43	26418	78.827	ug/l	98
17) Carbon Disulfide	4.38	76	117781	19.803	ug/l	99
18) Methyl Acetate	4.69	43	15301	17.248	ug/l	92
19) Methyl tert-butyl Ether	5.43	73	94602	20.591	ug/l	96
20) Methylene Chloride	4.92	84	44237	20.140	ug/l #	87
21) trans-1,2-Dichloroethene	5.43	96	46912	20.668	ug/l	96
22) Diisopropyl ether	6.32	45	103584	20.337	ug/l #	92
23) Vinyl Acetate	6.26	43	300237	100.449	ug/l	95
24) 1,1-Dichloroethane	6.22	63	72198	20.453	ug/l	99
25) 2-Butanone	7.19	43	39607	89.077	ug/l	92
26) 2,2-Dichloropropane	7.17	77	75403	20.304	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	51671	21.086	ug/l	97
28) Bromochloromethane	7.51	49	25365	19.763	ug/l #	71
29) Tetrahydrofuran	7.54	42	25081	90.540	ug/l	88
30) Chloroform	7.68	83	79765	20.936	ug/l	99
31) Cyclohexane	7.95	56	70179	19.778	ug/l #	87
32) 1,1,1-Trichloroethane	7.87	97	75762	20.604	ug/l	99
36) 1,1-Dichloropropene	8.08	75	63764	20.904	ug/l	98
37) Ethyl Acetate	7.26	43	18255	18.440	ug/l	95
38) Carbon Tetrachloride	8.07	117	70141	21.042	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042220\
 Data File : VW015302.D
 Acq On : 22 Apr 2020 12:45
 Operator : SY/VA
 Sample : VW0422SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0422SBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 1:32:55 PM

Quant Time: Apr 23 09:30:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80672	19.870	ug/l	95
40) Benzene	8.32	78	169475	20.799	ug/l	97
41) Methacrylonitrile	7.49	41	11409	19.207	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	49003	20.429	ug/l	100
43) Isopropyl Acetate	8.43	43	39394	18.973	ug/l	93
44) Trichloroethene	9.09	130	53942	21.643	ug/l	98
45) 1,2-Dichloropropane	9.37	63	39208	20.691	ug/l	96
46) Dibromomethane	9.46	93	22527	20.552	ug/l #	87
47) Bromodichloromethane	9.65	83	61162	20.873	ug/l	98
48) Methyl methacrylate	9.44	41	17507	17.836	ug/l #	81
49) 1,4-Dioxane	9.48	88	4549	311.308	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	90113	92.455	ug/l	95
52) Toluene	10.39	92	117757	20.649	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	59641	20.642	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	68684	20.452	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	31755	20.689	ug/l	99
56) Ethyl methacrylate	10.65	69	38619	19.531	ug/l	90
57) 1,3-Dichloropropane	10.93	76	52699	20.727	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	92174	100.550	ug/l #	88
59) 2-Hexanone	10.97	43	61709	88.693	ug/l	95
60) Dibromochloromethane	11.13	129	42106	20.777	ug/l	96
61) 1,2-Dibromoethane	11.24	107	31121	20.780	ug/l	96
64) Tetrachloroethene	10.86	164	48938	21.832	ug/l	95
65) Chlorobenzene	11.66	112	129934	21.083	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	48078	21.705	ug/l	97
67) Ethyl Benzene	11.73	91	240124	20.892	ug/l	100
68) m/p-Xylenes	11.84	106	188410	41.821	ug/l	100
69) o-Xylene	12.16	106	88521	21.051	ug/l	98
70) Styrene	12.18	104	150016	20.929	ug/l	100
71) Bromoform	12.35	173	24900	19.950	ug/l #	100
73) Isopropylbenzene	12.46	105	247094	20.063	ug/l	100
74) N-amyl acetate	12.27	43	38038	17.753	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.71	83	33461	19.136	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	26178m	19.051	ug/l	
77) Bromobenzene	12.74	156	57209	20.219	ug/l	82
78) n-propylbenzene	12.80	91	286661	19.991	ug/l	97
79) 2-Chlorotoluene	12.89	91	162728	20.137	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	213289	20.105	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11500	18.295	ug/l	96
82) 4-Chlorotoluene	12.99	91	172176	20.067	ug/l	97
83) tert-Butylbenzene	13.21	119	186962	20.163	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	208680	19.943	ug/l	100
85) sec-Butylbenzene	13.38	105	254958	19.910	ug/l	97
86) p-Isopropyltoluene	13.49	119	236101	19.842	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	116934	20.799	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	115006	20.868	ug/l	98
89) n-Butylbenzene	13.82	91	215652	19.828	ug/l	98
90) Hexachloroethane	14.09	117	43237	19.814	ug/l	73
91) 1,2-Dichlorobenzene	13.87	146	102805	21.043	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5697	18.004	ug/l	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042220\
Data File : VW015302.D
Acq On : 22 Apr 2020 12:45
Operator : SY/VA
Sample : VW0422SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0422SBSD01

Manual Integrations
APPROVED

MMDadoda
4/23/2020 1:32:55 PM

Quant Time: Apr 23 09:30:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	70613	20.795	ug/l	98
94) Hexachlorobutadiene	15.24	225	47484	20.974	ug/l	99
95) Naphthalene	15.36	128	105434	19.302	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	57035	20.644	ug/l	97

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

