

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042220\
 Data File : VW015308.D
 Acq On : 22 Apr 2020 15:14
 Operator : SY/VA
 Sample : L2314-18MSD
 Misc : 5.16G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-4-1MSD

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 1:33:01 PM

Quant Time: Apr 23 07:59:55 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	141259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	214675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	139268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	32167	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	74072	64.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.24%	
35) Dibromofluoromethane	7.88	113	70705	59.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.92%	
50) Toluene-d8	10.32	98	223923	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
62) 4-Bromofluorobenzene	12.62	95	45600	23.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	70223	62.951	ug/l	97
3) Chloromethane	2.22	50	77101	63.470	ug/l	99
4) Vinyl Chloride	2.36	62	81529	56.835	ug/l	100
5) Bromomethane	2.76	94	69804	68.439	ug/l	92
6) Chloroethane	2.92	64	53482	60.106	ug/l	98
7) Trichlorofluoromethane	3.26	101	115639	56.969	ug/l	97
8) Diethyl Ether	3.69	74	40918	71.816	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.06	101	59988	47.923	ug/l	92
10) Methyl Iodide	4.28	142	78039	59.356	ug/l	98
11) Tert butyl alcohol	5.17	59	35737	379.523	ug/l	98
12) 1,1-Dichloroethene	4.04	96	61401	50.961	ug/l	93
13) Acrolein	3.90	56	7529	152.766	ug/l	98
14) Allyl chloride	4.68	41	73291	45.853	ug/l	88
15) Acrylonitrile	5.37	53	81418	375.501	ug/l	99
16) Acetone	4.12	43	91730	454.650	ug/l	98
17) Carbon Disulfide	4.38	76	106165	29.651	ug/l	99
18) Methyl Acetate	4.67	43	95662	179.123	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	209771	75.843	ug/l	94
20) Methylene Chloride	4.92	84	80169	60.629	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	56488	41.339	ug/l	97
22) Diisopropyl ether	6.32	45	212748	69.382	ug/l #	94
23) Vinyl Acetate	6.26	43	388241	215.761	ug/l	95
24) 1,1-Dichloroethane	6.22	63	130906	61.599	ug/l	99
25) 2-Butanone	7.17	43	108624	405.797	ug/l #	90
26) 2,2-Dichloropropane	7.17	77	126745	56.691	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	75996	51.515	ug/l	99
28) Bromochloromethane	7.51	49	45125	58.403	ug/l #	74
29) Tetrahydrofuran	7.53	42	68709	412.000	ug/l	88
30) Chloroform	7.68	83	139125	60.658	ug/l	96
31) Cyclohexane	7.96	56	63866	29.897	ug/l	91
32) 1,1,1-Trichloroethane	7.88	97	125425	56.660	ug/l	98
36) 1,1-Dichloropropene	8.09	75	71936	37.127	ug/l	99
37) Ethyl Acetate	7.25	43	37071	58.953	ug/l	98
38) Carbon Tetrachloride	8.07	117	100648	47.534	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042220\
 Data File : VW015308.D
 Acq On : 22 Apr 2020 15:14
 Operator : SY/VA
 Sample : L2314-18MSD
 Misc : 5.16G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 WB-4-1MSD

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 1:33:01 PM

Quant Time: Apr 23 07:59:55 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	42082	16.318	ug/l	97
40) Benzene	8.32	78	287442	55.536	ug/l	97
41) Methacrylonitrile	7.48	41	25334	67.145	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	91611	60.125	ug/l	98
43) Isopropyl Acetate	8.43	43	81460	61.765	ug/l	96
44) Trichloroethene	9.09	130	60420	38.164	ug/l	91
45) 1,2-Dichloropropane	9.37	63	68355	56.791	ug/l	96
46) Dibromomethane	9.46	93	38191	54.852	ug/l #	86
47) Bromodichloromethane	9.65	83	102333	54.980	ug/l	97
48) Methyl methacrylate	9.43	41	44612	71.555	ug/l #	88
49) 1,4-Dioxane	9.45	88	15167	1634.051	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	235398	380.221	ug/l	97
52) Toluene	10.39	92	163585	45.160	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	72079	39.275	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	94231	44.174	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	59022	60.540	ug/l	95
56) Ethyl methacrylate	10.65	69	78013	62.114	ug/l	93
57) 1,3-Dichloropropane	10.93	76	92096	57.026	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	172893	296.921	ug/l #	89
59) 2-Hexanone	10.97	43	166260	376.203	ug/l	97
60) Dibromochloromethane	11.13	129	69323	53.853	ug/l	100
61) 1,2-Dibromoethane	11.24	107	49237	51.757	ug/l	99
64) Tetrachloroethene	10.87	164	44404	44.674	ug/l	91
65) Chlorobenzene	11.66	112	132014	48.307	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	69488	70.746	ug/l	97
67) Ethyl Benzene	11.73	91	233792	45.874	ug/l	100
68) m/p-Xylenes	11.83	106	174207	87.206	ug/l	99
69) o-Xylene	12.16	106	93062	49.910	ug/l	99
70) Styrene	12.18	104	126678	39.856	ug/l	98
71) Bromoform	12.35	173	39370	71.137	ug/l #	96
73) Isopropylbenzene	12.46	105	182497	81.827	ug/l	99
74) N-amyl acetate	12.27	43	47361	122.062	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	57430	181.363	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	46485m	186.802	ug/l	
77) Bromobenzene	12.74	156	44833	87.495	ug/l	94
78) n-propylbenzene	12.80	91	153116	58.964	ug/l	97
79) 2-Chlorotoluene	12.89	91	103324	70.604	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	117592	61.207	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16439	144.409	ug/l	92
82) 4-Chlorotoluene	12.99	91	90667	58.352	ug/l	96
83) tert-Butylbenzene	13.21	119	99928	59.510	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	116027	61.230	ug/l	99
85) sec-Butylbenzene	13.38	105	92029	39.685	ug/l	96
86) p-Isopropyltoluene	13.50	119	86200	40.003	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	45690	44.878	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	46224	46.316	ug/l	98
89) n-Butylbenzene	13.82	91	50047	25.410	ug/l	97
90) Hexachloroethane	14.09	117	16647	42.125	ug/l	73
91) 1,2-Dichlorobenzene	13.87	146	48753	55.106	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9023	157.456	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042220\
Data File : VW015308.D
Acq On : 22 Apr 2020 15:14
Operator : SY/VA
Sample : L2314-18MSD
Misc : 5.16G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WB-4-1MSD

Manual Integrations
APPROVED

MMDadoda
4/23/2020 1:33:01 PM

Quant Time: Apr 23 07:59:55 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	10166	16.532	ug/l	97
94) Hexachlorobutadiene	15.23	225	4974	12.132	ug/l	97
95) Naphthalene	15.36	128	52457	53.030	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	9842	19.671	ug/l	97

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

