

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012320\
 Data File : VW014720.D
 Acq On : 23 Jan 2020 12:44
 Operator : SY/VA
 Sample : VW0123SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0123SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 4:02:29 PM

Quant Time: Jan 24 04:45:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	684929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1036476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	885199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	431883	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	315283	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	7.88	113	306407	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
50) Toluene-d8	10.32	98	1256732	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.62	95	423275	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	84741	21.912	ug/l	100
3) Chloromethane	2.21	50	121296	25.624	ug/l	99
4) Vinyl Chloride	2.36	62	170954	24.554	ug/l	100
5) Bromomethane	2.77	94	98925	23.001	ug/l	98
6) Chloroethane	2.92	64	95278	24.007	ug/l	99
7) Trichlorofluoromethane	3.25	101	86285	24.770	ug/l	95
8) Diethyl Ether	3.67	74	67892	19.588	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.05	101	147711	22.694	ug/l	100
10) Methyl Iodide	4.26	142	204413	20.815	ug/l	96
11) Tert butyl alcohol	5.15	59	44691	81.317	ug/l	96
12) 1,1-Dichloroethene	4.03	96	150641	22.101	ug/l	98
13) Acrolein	3.89	56	44022	84.225	ug/l	100
14) Allyl chloride	4.66	41	238223	22.871	ug/l	98
15) Acrylonitrile	5.36	53	154260	97.369	ug/l	99
16) Acetone	4.11	43	154656	91.462	ug/l	97
17) Carbon Disulfide	4.38	76	448632	21.838	ug/l	98
18) Methyl Acetate	4.66	43	80726	19.767	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	177433	20.971	ug/l	98
20) Methylene Chloride	4.91	84	170998	22.519	ug/l	93
21) trans-1,2-Dichloroethene	5.41	96	158310	21.874	ug/l	96
22) Diisopropyl ether	6.30	45	453092	23.240	ug/l	95
23) Vinyl Acetate	6.24	43	1212420	102.984	ug/l	99
24) 1,1-Dichloroethane	6.21	63	279592	22.735	ug/l	100
25) 2-Butanone	7.16	43	201220	92.727	ug/l	96
26) 2,2-Dichloropropane	7.16	77	156933	23.049	ug/l	95
27) cis-1,2-Dichloroethene	7.16	96	162957	21.428	ug/l	96
28) Bromochloromethane	7.50	49	99178	20.570	ug/l	93
29) Tetrahydrofuran	7.52	42	125200	93.131	ug/l	97
30) Chloroform	7.66	83	259047	22.525	ug/l	97
31) Cyclohexane	7.95	56	283788	22.205	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	216687	23.428	ug/l	96
36) 1,1-Dichloropropene	8.07	75	227958	22.814	ug/l	99
37) Ethyl Acetate	7.24	43	85392	18.843	ug/l	98
38) Carbon Tetrachloride	8.06	117	198106	22.853	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012320\
 Data File : VW014720.D
 Acq On : 23 Jan 2020 12:44
 Operator : SY/VA
 Sample : VW0123SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0123SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 4:02:29 PM

Quant Time: Jan 24 04:45:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	267323	20.847	ug/l	92
40) Benzene	8.32	78	628975	22.248	ug/l	99
41) Methacrylonitrile	7.47	41	49079	19.428	ug/l	98
42) 1,2-Dichloroethane	8.40	62	162577	22.160	ug/l	97
43) Isopropyl Acetate	8.42	43	156658	19.037	ug/l	96
44) Trichloroethene	9.09	130	161118	21.061	ug/l	95
45) 1,2-Dichloropropane	9.37	63	154384	22.254	ug/l	98
46) Dibromomethane	9.45	93	69913	20.414	ug/l	98
47) Bromodichloromethane	9.64	83	184250	21.791	ug/l	99
48) Methyl methacrylate	9.43	41	76337	19.000	ug/l	98
49) 1,4-Dioxane	9.45	88	23932	373.611	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	404887	94.746	ug/l	98
52) Toluene	10.38	92	390076	21.932	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	177148	20.235	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	223002	20.842	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	100443	20.081	ug/l	97
56) Ethyl methacrylate	10.64	69	120403	18.522	ug/l	97
57) 1,3-Dichloropropane	10.93	76	180851	20.572	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	191334	96.780	ug/l	98
59) 2-Hexanone	10.96	43	275074	93.411	ug/l	96
60) Dibromochloromethane	11.12	129	111365	19.733	ug/l	97
61) 1,2-Dibromoethane	11.23	107	92591	19.501	ug/l	99
64) Tetrachloroethene	10.86	164	134937	21.056	ug/l	97
65) Chlorobenzene	11.65	112	388247	21.409	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	128661	21.071	ug/l	98
67) Ethyl Benzene	11.73	91	721496	22.076	ug/l	97
68) m/p-Xylenes	11.83	106	546076	43.657	ug/l	98
69) o-Xylene	12.16	106	247770	21.444	ug/l	99
70) Styrene	12.18	104	416524	21.314	ug/l	98
71) Bromoform	12.35	173	62447	18.750	ug/l #	99
73) Isopropylbenzene	12.46	105	689392	21.755	ug/l	99
74) N-amyl acetate	12.27	43	139284	19.603	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	111245	19.449	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	82691m	20.251	ug/l	
77) Bromobenzene	12.74	156	153593	20.868	ug/l	98
78) n-propylbenzene	12.80	91	841628	22.586	ug/l	98
79) 2-Chlorotoluene	12.89	91	469798	22.154	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	591600	22.234	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	34175	18.647	ug/l	94
82) 4-Chlorotoluene	12.99	91	491184	22.295	ug/l	98
83) tert-Butylbenzene	13.20	119	506342	21.735	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	586608	22.154	ug/l	99
85) sec-Butylbenzene	13.38	105	711408	22.062	ug/l	99
86) p-Isopropyltoluene	13.49	119	650033	22.116	ug/l	99
87) 1,3-Dichlorobenzene	13.49	146	307596	21.492	ug/l	99
88) 1,4-Dichlorobenzene	13.57	146	301330	21.326	ug/l	99
89) n-Butylbenzene	13.82	91	611496	22.404	ug/l	99
90) Hexachloroethane	14.09	117	111606	21.737	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	267120	21.235	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17789	19.639	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012320\
Data File : VW014720.D
Acq On : 23 Jan 2020 12:44
Operator : SY/VA
Sample : VW0123SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0123SBS01

Manual Integrations
APPROVED

MMDadoda
1/24/2020 4:02:29 PM

Quant Time: Jan 24 04:45:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	178891	21.059	ug/l	99
94) Hexachlorobutadiene	15.23	225	123593	21.710	ug/l	97
95) Naphthalene	15.36	128	269375	18.593	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	149887	20.242	ug/l	99

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

