

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011999.D
 Acq On : 19 Aug 2019 19:36
 Operator : SY/VA
 Sample : VW0819SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/20/2019 9:55:38 AM

Quant Time: Aug 20 05:43:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	419831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	176799	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	153275	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	7.88	113	127572	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
50) Toluene-d8	10.32	98	515015	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
62) 4-Bromofluorobenzene	12.62	95	182524	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	32462	22.729	ug/l	98
3) Chloromethane	2.21	50	51176	20.664	ug/l	97
4) Vinyl Chloride	2.35	62	62486	20.958	ug/l	99
5) Bromomethane	2.76	94	32596	19.751	ug/l	98
6) Chloroethane	2.92	64	34945	20.518	ug/l	98
7) Trichlorofluoromethane	3.25	101	26779	20.097	ug/l	98
8) Diethyl Ether	3.68	74	30361	20.096	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54283	21.475	ug/l	99
10) Methyl Iodide	4.27	142	75719	21.197	ug/l	98
11) Tert butyl alcohol	5.17	59	20136	80.642	ug/l	99
12) 1,1-Dichloroethene	4.04	96	55379	20.750	ug/l	93
13) Acrolein	3.89	56	12655	59.936	ug/l	96
14) Allyl chloride	4.67	41	114052	20.092	ug/l	100
15) Acrylonitrile	5.37	53	75150	99.645	ug/l	99
16) Acetone	4.12	43	68655	73.346	ug/l	95
17) Carbon Disulfide	4.38	76	160655	19.233	ug/l	98
18) Methyl Acetate	4.67	43	41172	19.579	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	89735	21.188	ug/l	99
20) Methylene Chloride	4.92	84	66451	20.584	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	58649	20.383	ug/l	97
22) Diisopropyl ether	6.31	45	224725	20.998	ug/l	99
23) Vinyl Acetate	6.26	43	668349	99.386	ug/l	99
24) 1,1-Dichloroethane	6.21	63	118846	20.735	ug/l	99
25) 2-Butanone	7.17	43	104579	85.382	ug/l	99
26) 2,2-Dichloropropane	7.17	77	63843	18.112	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	64953	20.511	ug/l	99
28) Bromochloromethane	7.51	49	54742	21.517	ug/l #	99
29) Tetrahydrofuran	7.53	42	68476	97.805	ug/l	99
30) Chloroform	7.68	83	110158	20.832	ug/l	96
31) Cyclohexane	7.95	56	112867	20.514	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	83341	20.695	ug/l	99
36) 1,1-Dichloropropene	8.08	75	88536	20.281	ug/l	99
37) Ethyl Acetate	7.25	43	49017	19.516	ug/l	100
38) Carbon Tetrachloride	8.07	117	76392	20.441	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011999.D
 Acq On : 19 Aug 2019 19:36
 Operator : SY/VA
 Sample : VW0819SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0819SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/20/2019 9:55:38 AM

Quant Time: Aug 20 05:43:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	98446	20.480	ug/l	98
40) Benzene	8.32	78	252901	20.682	ug/l	100
41) Methacrylonitrile	7.48	41	32066	21.358	ug/l	95
42) 1,2-Dichloroethane	8.40	62	76352	19.944	ug/l	98
43) Isopropyl Acetate	8.42	43	91519	19.814	ug/l	99
44) Trichloroethene	9.09	130	61066	20.778	ug/l	98
45) 1,2-Dichloropropane	9.37	63	67112	20.512	ug/l	96
46) Dibromomethane	9.46	93	30584	20.481	ug/l	97
47) Bromodichloromethane	9.65	83	78486	20.037	ug/l	100
48) Methyl methacrylate	9.43	41	43642	19.669	ug/l	100
49) 1,4-Dioxane	9.45	88	9352	432.520	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	233000	96.980	ug/l	100
52) Toluene	10.39	92	151775	20.553	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	79974	19.545	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	97255	19.990	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	43117	20.350	ug/l	97
56) Ethyl methacrylate	10.65	69	62106	20.031	ug/l	100
57) 1,3-Dichloropropane	10.93	76	81554	20.345	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	165529	117.586	ug/l	99
59) 2-Hexanone	10.97	43	158784	93.603	ug/l	99
60) Dibromochloromethane	11.13	129	47069	20.013	ug/l	100
61) 1,2-Dibromoethane	11.23	107	40637	20.267	ug/l	99
64) Tetrachloroethene	10.86	164	50335	20.875	ug/l	97
65) Chlorobenzene	11.66	112	153411	20.604	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	52636	20.296	ug/l	99
67) Ethyl Benzene	11.73	91	291376	20.548	ug/l	100
68) m/p-Xylenes	11.84	106	214628	41.619	ug/l	98
69) o-Xylene	12.16	106	100225	20.914	ug/l	100
70) Styrene	12.18	104	170653	20.596	ug/l	99
71) Bromoform	12.35	173	26071	19.716	ug/l #	97
73) Isopropylbenzene	12.46	105	276207	20.941	ug/l	99
74) N-amyl acetate	12.27	43	82677	20.022	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	51113	20.602	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	35175m	18.803	ug/l	
77) Bromobenzene	12.74	156	60833	20.867	ug/l	99
78) n-propylbenzene	12.80	91	336423	20.959	ug/l	100
79) 2-Chlorotoluene	12.89	91	192885	20.858	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	233451	21.115	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15614	19.236	ug/l	96
82) 4-Chlorotoluene	12.99	91	202510	20.872	ug/l	100
83) tert-Butylbenzene	13.21	119	197512	21.363	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	233651	20.979	ug/l	100
85) sec-Butylbenzene	13.38	105	279684	21.200	ug/l	100
86) p-Isopropyltoluene	13.50	119	251654	21.024	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	117554	20.565	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	117919	20.737	ug/l	99
89) n-Butylbenzene	13.82	91	245749	20.573	ug/l	100
90) Hexachloroethane	14.09	117	43206	20.413	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	105979	20.962	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8489	20.065	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
Data File : VW011999.D
Acq On : 19 Aug 2019 19:36
Operator : SY/VA
Sample : VW0819SBSD02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBSD02

Manual Integrations
APPROVED

MMDadoda
8/20/2019 9:55:38 AM

Quant Time: Aug 20 05:43:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	75038	21.059	ug/l	98
94) Hexachlorobutadiene	15.24	225	48077	21.636	ug/l	99
95) Naphthalene	15.36	128	131633	20.146	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	65516	20.976	ug/l	98

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

