

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012021.D
 Acq On : 20 Aug 2019 10:43
 Operator : SY/VA
 Sample : VW0820SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 8:28:52 AM

Quant Time: Aug 20 12:52:05 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	283361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	455397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	391851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	187378	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	160968	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	7.88	113	133658	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
50) Toluene-d8	10.32	98	549400	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.62	95	192014	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	33736	21.363	ug/l	98
3) Chloromethane	2.21	50	56873	20.769	ug/l	98
4) Vinyl Chloride	2.35	62	69305	21.022	ug/l	100
5) Bromomethane	2.76	94	35258	19.321	ug/l	96
6) Chloroethane	2.92	64	38796	20.601	ug/l	91
7) Trichlorofluoromethane	3.25	101	35463	24.069	ug/l	96
8) Diethyl Ether	3.68	74	33011	19.761	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	60095	21.501	ug/l	99
10) Methyl Iodide	4.27	142	78755	19.939	ug/l	99
11) Tert butyl alcohol	5.17	59	21460	77.032	ug/l	99
12) 1,1-Dichloroethene	4.04	96	59690	20.226	ug/l	92
13) Acrolein	3.89	56	13853	59.336	ug/l	99
14) Allyl chloride	4.67	41	127167	20.260	ug/l	100
15) Acrylonitrile	5.36	53	81369	97.574	ug/l	99
16) Acetone	4.12	43	82620	79.825	ug/l	97
17) Carbon Disulfide	4.38	76	172218	18.646	ug/l	99
18) Methyl Acetate	4.67	43	44965	19.339	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	93741	20.017	ug/l	93
20) Methylene Chloride	4.92	84	67561	18.927	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	64360	20.229	ug/l	99
22) Diisopropyl ether	6.31	45	241402	20.399	ug/l	99
23) Vinyl Acetate	6.25	43	722479	97.162	ug/l	99
24) 1,1-Dichloroethane	6.21	63	128546	20.282	ug/l	96
25) 2-Butanone	7.17	43	117407	86.689	ug/l	95
26) 2,2-Dichloropropane	7.17	77	73005	18.730	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	69881	19.957	ug/l	99
28) Bromochloromethane	7.51	49	60619	21.549	ug/l #	97
29) Tetrahydrofuran	7.52	42	73957	95.532	ug/l	99
30) Chloroform	7.68	83	117471	20.091	ug/l	100
31) Cyclohexane	7.95	56	126885	20.856	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	91982	20.656	ug/l	99
36) 1,1-Dichloropropene	8.08	75	100152	21.150	ug/l	99
37) Ethyl Acetate	7.25	43	50162	18.413	ug/l	99
38) Carbon Tetrachloride	8.07	117	83797	20.672	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012021.D
 Acq On : 20 Aug 2019 10:43
 Operator : SY/VA
 Sample : VW0820SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0820SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 8:28:52 AM

Quant Time: Aug 20 12:52:05 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	112718	21.618	ug/l	95
40) Benzene	8.32	78	270540	20.397	ug/l	99
41) Methacrylonitrile	7.48	41	31114	19.106	ug/l	100
42) 1,2-Dichloroethane	8.40	62	83391	20.081	ug/l	100
43) Isopropyl Acetate	8.43	43	97566	19.473	ug/l	99
44) Trichloroethene	9.09	130	66967	21.006	ug/l	99
45) 1,2-Dichloropropane	9.37	63	72738	20.496	ug/l	99
46) Dibromomethane	9.46	93	32175	19.863	ug/l	99
47) Bromodichloromethane	9.65	83	84096	19.792	ug/l	99
48) Methyl methacrylate	9.43	41	46336	19.253	ug/l	95
49) 1,4-Dioxane	9.45	88	9949	424.195	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	252018	96.703	ug/l	100
52) Toluene	10.39	92	165694	20.686	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	87537	19.722	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	105000	19.896	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	46170	20.089	ug/l	99
56) Ethyl methacrylate	10.65	69	66273	19.706	ug/l	98
57) 1,3-Dichloropropane	10.93	76	86508	19.896	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	170979	111.972	ug/l	100
59) 2-Hexanone	10.97	43	175831	95.557	ug/l	99
60) Dibromochloromethane	11.13	129	49941	19.576	ug/l	100
61) 1,2-Dibromoethane	11.23	107	42730	19.647	ug/l	100
64) Tetrachloroethene	10.86	164	54703	21.441	ug/l	97
65) Chlorobenzene	11.66	112	164012	20.819	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	56730	20.673	ug/l	100
67) Ethyl Benzene	11.73	91	319753	21.311	ug/l	99
68) m/p-Xylenes	11.84	106	231328	42.395	ug/l	100
69) o-Xylene	12.16	106	107686	21.238	ug/l	99
70) Styrene	12.18	104	184519	21.047	ug/l	100
71) Bromoform	12.35	173	27259	19.483	ug/l #	95
73) Isopropylbenzene	12.46	105	304699	21.797	ug/l	99
74) N-amyl acetate	12.27	43	89719	20.500	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	53751	20.442	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	37155m	18.740	ug/l	
77) Bromobenzene	12.74	156	65549	21.215	ug/l	98
78) n-propylbenzene	12.80	91	369527	21.721	ug/l	100
79) 2-Chlorotoluene	12.89	91	209701	21.396	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	251970	21.503	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	17876	20.779	ug/l	99
82) 4-Chlorotoluene	12.99	91	217704	21.171	ug/l	100
83) tert-Butylbenzene	13.21	119	217141	22.160	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	256086	21.695	ug/l	100
85) sec-Butylbenzene	13.38	105	308778	22.084	ug/l	99
86) p-Isopropyltoluene	13.50	119	280732	22.129	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	128557	21.220	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	126615	21.009	ug/l	99
89) n-Butylbenzene	13.82	91	277162	21.893	ug/l	99
90) Hexachloroethane	14.09	117	46798	20.862	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	112993	21.088	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8635	19.258	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
Data File : VW012021.D
Acq On : 20 Aug 2019 10:43
Operator : SY/VA
Sample : VW0820SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBSD01

Manual Integrations
APPROVED

MMDadoda
8/21/2019 8:28:52 AM

Quant Time: Aug 20 12:52:05 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	78549	20.800	ug/l	100
94) Hexachlorobutadiene	15.24	225	52231	22.179	ug/l	99
95) Naphthalene	15.37	128	136900	19.808	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	67702	20.452	ug/l	98

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

