

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082219\
 Data File : VW012100.D
 Acq On : 22 Aug 2019 10:40
 Operator : SY/VA
 Sample : VW0822SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/23/2019 10:54:52 AM

Quant Time: Aug 23 08:11:34 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	223891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151333	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	144970	56.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.78%	
35) Dibromofluoromethane	7.88	113	117612	58.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.94%	
50) Toluene-d8	10.32	98	468068	57.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.64%	
62) 4-Bromofluorobenzene	12.61	95	167466	57.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27930	22.384	ug/l	96
3) Chloromethane	2.21	50	45820	21.177	ug/l	99
4) Vinyl Chloride	2.36	62	54915	21.081	ug/l	100
5) Bromomethane	2.76	94	25384	17.605	ug/l	99
6) Chloroethane	2.88	64	27159	18.252	ug/l	97
7) Trichlorofluoromethane	3.23	101	24633	21.159	ug/l	99
8) Diethyl Ether	3.67	74	28243	21.397	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47492	21.505	ug/l	99
10) Methyl Iodide	4.26	142	59916	19.199	ug/l	99
11) Tert butyl alcohol	5.20	59	19262	90.119	ug/l	99
12) 1,1-Dichloroethene	4.03	96	47046	20.176	ug/l	97
13) Acrolein	3.89	56	12358	66.992	ug/l	95
14) Allyl chloride	4.66	41	102317	20.631	ug/l	99
15) Acrylonitrile	5.36	53	75379	114.401	ug/l	100
16) Acetone	4.12	43	71366	87.266	ug/l	95
17) Carbon Disulfide	4.37	76	126340	17.312	ug/l	99
18) Methyl Acetate	4.67	43	42815	23.305	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	83576	22.587	ug/l	100
20) Methylene Chloride	4.90	84	55370	19.632	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	50846	20.226	ug/l	98
22) Diisopropyl ether	6.31	45	203433	21.757	ug/l	95
23) Vinyl Acetate	6.25	43	631103	107.417	ug/l	100
24) 1,1-Dichloroethane	6.21	63	106903	21.348	ug/l	98
25) 2-Butanone	7.17	43	105365	98.462	ug/l	99
26) 2,2-Dichloropropane	7.16	77	57476	18.663	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	57563	20.805	ug/l	98
28) Bromochloromethane	7.51	49	50291	22.626	ug/l #	100
29) Tetrahydrofuran	7.53	42	69877	114.237	ug/l	99
30) Chloroform	7.67	83	98234	21.263	ug/l	96
31) Cyclohexane	7.95	56	100848	20.980	ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	75434	21.440	ug/l	99
36) 1,1-Dichloropropene	8.08	75	81959	22.173	ug/l	99
37) Ethyl Acetate	7.25	43	48958	23.021	ug/l	98
38) Carbon Tetrachloride	8.06	117	69128	21.846	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082219\
 Data File : VW012100.D
 Acq On : 22 Aug 2019 10:40
 Operator : SY/VA
 Sample : VW0822SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/23/2019 10:54:52 AM

Quant Time: Aug 23 08:11:34 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	9.33	83	89371	21.957	ug/l	98
40) Benzene	8.32	78	223060	21.544	ug/l	99
41) Methacrylonitrile	7.48	41	31444	24.735	ug/l	96
42) 1,2-Dichloroethane	8.40	62	72566	22.386	ug/l	100
43) Isopropyl Acetate	8.42	43	89664	22.926	ug/l	98
44) Trichloroethene	9.09	130	53590	21.535	ug/l	94
45) 1,2-Dichloropropane	9.37	63	61304	22.129	ug/l	99
46) Dibromomethane	9.46	93	27456	21.714	ug/l	99
47) Bromodichloromethane	9.64	83	70151	21.150	ug/l	99
48) Methyl methacrylate	9.44	41	40810	21.722	ug/l	98
49) 1,4-Dioxane	9.46	88	8108	442.861	ug/l #	73
51) 4-Methyl-2-Pentanone	10.21	43	233519	114.789	ug/l	99
52) Toluene	10.38	92	135127	21.611	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	72502	20.926	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	86240	20.934	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39927	22.255	ug/l	95
56) Ethyl methacrylate	10.65	69	58102	22.132	ug/l	98
57) 1,3-Dichloropropane	10.93	76	74533	21.959	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	156907	131.636	ug/l	99
59) 2-Hexanone	10.97	43	158930	110.647	ug/l	100
60) Dibromochloromethane	11.13	129	42226	21.204	ug/l	99
61) 1,2-Dibromoethane	11.23	107	37113	21.860	ug/l	100
64) Tetrachloroethene	10.86	164	44379	21.981	ug/l	99
65) Chlorobenzene	11.66	112	135282	21.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	46004	21.186	ug/l	97
67) Ethyl Benzene	11.73	91	262587	22.116	ug/l	99
68) m/p-Xylenes	11.84	106	189419	43.869	ug/l	100
69) o-Xylene	12.16	106	87664	21.848	ug/l	99
70) Styrene	12.18	104	150712	21.724	ug/l	100
71) Bromoform	12.35	173	23323	21.066	ug/l #	96
73) Isopropylbenzene	12.46	105	246539	21.837	ug/l	100
74) N-amyl acetate	12.27	43	77735	21.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	48480	22.829	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	41007m	25.609	ug/l	
77) Bromobenzene	12.75	156	53700	21.520	ug/l	98
78) n-propylbenzene	12.80	91	303370	22.080	ug/l	100
79) 2-Chlorotoluene	12.89	91	169904	21.465	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	206762	21.848	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14896	21.439	ug/l	97
82) 4-Chlorotoluene	12.99	91	180022	21.676	ug/l	100
83) tert-Butylbenzene	13.21	119	176793	22.339	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	207730	21.790	ug/l	100
85) sec-Butylbenzene	13.38	105	249475	22.093	ug/l	99
86) p-Isopropyltoluene	13.50	119	226238	22.082	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	104096	21.275	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	103458	21.256	ug/l	98
89) n-Butylbenzene	13.82	91	223967	21.905	ug/l	99
90) Hexachloroethane	14.09	117	37227	20.548	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	92305	21.330	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7971	22.011	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082219\
Data File : VW012100.D
Acq On : 22 Aug 2019 10:40
Operator : SY/VA
Sample : VW0822SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Manual Integrations
APPROVED

MMDadoda
8/23/2019 10:54:52 AM

Quant Time: Aug 23 08:11:34 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	63654	20.871	ug/l	99
94) Hexachlorobutadiene	15.24	225	41559	21.850	ug/l	97
95) Naphthalene	15.36	128	114599	20.455	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	57003	21.322	ug/l	100

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

