

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012176.D
 Acq On : 26 Aug 2019 17:48
 Operator : SY/VA
 Sample : VW0826SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/27/2019 11:04:26 AM

Quant Time: Aug 27 05:39:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	375851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	157240	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	148481	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
35) Dibromofluoromethane	7.88	113	116287	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	10.32	98	477258	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.62	95	167518	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	25742m	17.633	ug/l
3) Chloromethane	2.21	50	40418	17.870	ug/l
4) Vinyl Chloride	2.36	62	49700	17.953	ug/l
5) Bromomethane	2.77	94	25379	18.102	ug/l
6) Chloroethane	2.91	64	28094	17.990	ug/l
7) Trichlorofluoromethane	3.25	101	24920	17.928	ug/l
8) Diethyl Ether	3.68	74	23946	18.149	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44624	18.886	ug/l
10) Methyl Iodide	4.27	142	56700	17.736	ug/l
11) Tert butyl alcohol	5.17	59	19896	117.303	ug/l
12) 1,1-Dichloroethene	4.04	96	43612	18.339	ug/l
13) Acrolein	3.89	56	16195	101.434	ug/l
14) Allyl chloride	4.67	41	91510	17.999	ug/l
15) Acrylonitrile	5.37	53	64807	99.096	ug/l
16) Acetone	4.12	43	67718	93.994	ug/l
17) Carbon Disulfide	4.38	76	118646	16.508	ug/l
18) Methyl Acetate	4.67	43	35649	19.978	ug/l
19) Methyl tert-butyl Ether	5.42	73	73537	19.121	ug/l
20) Methylene Chloride	4.92	84	51225	18.808	ug/l
21) trans-1,2-Dichloroethene	5.42	96	46999	18.430	ug/l
22) Diisopropyl ether	6.31	45	178667	18.959	ug/l
23) Vinyl Acetate	6.25	43	553689	95.470	ug/l
24) 1,1-Dichloroethane	6.21	63	96007	18.711	ug/l
25) 2-Butanone	7.17	43	97209	99.293	ug/l
26) 2,2-Dichloropropane	7.17	77	57346	19.745	ug/l
27) cis-1,2-Dichloroethene	7.17	96	51570	18.927	ug/l
28) Bromochloromethane	7.51	49	44961	20.104	ug/l #
29) Tetrahydrofuran	7.53	42	61237	104.257	ug/l
30) Chloroform	7.67	83	90015	19.175	ug/l
31) Cyclohexane	7.95	56	88454	17.424	ug/l #
32) 1,1,1-Trichloroethane	7.87	97	70242	18.914	ug/l
36) 1,1-Dichloropropene	8.08	75	72325	18.621	ug/l
37) Ethyl Acetate	7.25	43	43272	20.331	ug/l
38) Carbon Tetrachloride	8.07	117	63434	18.870	ug/l

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012176.D
 Acq On : 26 Aug 2019 17:48
 Operator : SY/VA
 Sample : VW0826SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/27/2019 11:04:26 AM

Quant Time: Aug 27 05:39:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	78568	18.006	ug/l	99
40) Benzene	8.32	78	197806	18.651	ug/l	100
41) Methacrylonitrile	7.48	41	24851	19.866	ug/l	97
42) 1,2-Dichloroethane	8.40	62	64664	19.455	ug/l	100
43) Isopropyl Acetate	8.42	43	78983	20.034	ug/l	99
44) Trichloroethene	9.09	130	47505	18.426	ug/l	95
45) 1,2-Dichloropropane	9.37	63	54548	19.111	ug/l	95
46) Dibromomethane	9.46	93	24605	19.375	ug/l	99
47) Bromodichloromethane	9.65	83	64569	19.104	ug/l	99
48) Methyl methacrylate	9.43	41	36051	19.213	ug/l	95
49) 1,4-Dioxane	9.45	88	7508	386.186	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	203966	101.717	ug/l	99
52) Toluene	10.38	92	121168	19.018	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	65406	18.998	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	78645	18.919	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	35363	19.681	ug/l	95
56) Ethyl methacrylate	10.65	69	50644	19.366	ug/l	98
57) 1,3-Dichloropropane	10.93	76	66859	19.691	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	145604	108.488	ug/l	99
59) 2-Hexanone	10.97	43	142922	100.732	ug/l	100
60) Dibromochloromethane	11.13	129	37813	18.894	ug/l	97
61) 1,2-Dibromoethane	11.23	107	33102	19.775	ug/l	100
64) Tetrachloroethene	10.86	164	39743	18.837	ug/l	97
65) Chlorobenzene	11.66	112	120973	18.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	42460	18.994	ug/l	100
67) Ethyl Benzene	11.73	91	233804	18.941	ug/l	99
68) m/p-Xylenes	11.84	106	168391	37.871	ug/l	99
69) o-Xylene	12.16	106	77251	18.772	ug/l	100
70) Styrene	12.18	104	134580	18.893	ug/l	100
71) Bromoform	12.35	173	21798	19.571	ug/l #	96
73) Isopropylbenzene	12.46	105	221974	18.840	ug/l	98
74) N-amyl acetate	12.27	43	69648	19.565	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	43169	19.985	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	28983m	18.926	ug/l	
77) Bromobenzene	12.74	156	48234	18.923	ug/l	98
78) n-propylbenzene	12.80	91	274684	19.097	ug/l	99
79) 2-Chlorotoluene	12.89	91	153625	18.812	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	187137	19.008	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	13972	20.004	ug/l	99
82) 4-Chlorotoluene	12.99	91	162401	18.993	ug/l	100
83) tert-Butylbenzene	13.21	119	160576	19.254	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	186608	18.869	ug/l	100
85) sec-Butylbenzene	13.38	105	230702	19.309	ug/l	99
86) p-Isopropyltoluene	13.50	119	204953	19.208	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	96797	19.415	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	94756	19.141	ug/l	98
89) n-Butylbenzene	13.82	91	204207	19.245	ug/l	99
90) Hexachloroethane	14.09	117	35714	19.077	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	84259	19.265	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7542	20.711	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
Data File : VW012176.D
Acq On : 26 Aug 2019 17:48
Operator : SY/VA
Sample : VW0826SBS02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS02

Manual Integrations
APPROVED

MMDadoda
8/27/2019 11:04:26 AM

Quant Time: Aug 27 05:39:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	59348	19.635	ug/l	99
94) Hexachlorobutadiene	15.24	225	39312	19.698	ug/l	97
95) Naphthalene	15.36	128	103399	20.248	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	50783	19.257	ug/l	98

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

