

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012612.D
 Acq On : 05 Sep 2019 02:15
 Operator : SY/VA
 Sample : VW0904SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/7/2019 12:46:16 AM

Quant Time: Sep 05 07:39:00 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	194926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	320402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	141814	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	143785	62.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.10%	
35) Dibromofluoromethane	7.88	113	108718	56.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.70%	
50) Toluene-d8	10.32	98	408752	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.62	95	152161	55.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	18994	15.825	ug/l	95
3) Chloromethane	2.21	50	28726	15.448	ug/l	99
4) Vinyl Chloride	2.36	62	32432	14.250	ug/l	93
5) Bromomethane	2.77	94	19792	17.171	ug/l	98
6) Chloroethane	2.92	64	20968	16.331	ug/l	99
7) Trichlorofluoromethane	3.25	101	18881	16.521	ug/l	90
8) Diethyl Ether	3.68	74	24193	22.303	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38234	19.682	ug/l	97
10) Methyl Iodide	4.28	142	52916	20.133	ug/l	98
11) Tert butyl alcohol	5.19	59	19924	142.878	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	34682	17.738	ug/l	97
13) Acrolein	3.90	56	8341	63.543	ug/l	99
14) Allyl chloride	4.67	41	77272	18.486	ug/l	98
15) Acrylonitrile	5.37	53	69177	128.660	ug/l	100
16) Acetone	4.12	43	61529	103.877	ug/l	97
17) Carbon Disulfide	4.38	76	81647	13.817	ug/l	99
18) Methyl Acetate	4.67	43	47575	32.428	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	81478	25.769	ug/l	94
20) Methylene Chloride	4.92	84	50347	22.484	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	40596	19.362	ug/l	98
22) Diisopropyl ether	6.31	45	175861	22.698	ug/l	99
23) Vinyl Acetate	6.25	43	521689	109.411	ug/l	99
24) 1,1-Dichloroethane	6.21	63	89592	21.237	ug/l	99
25) 2-Butanone	7.17	43	97905	121.636	ug/l	99
26) 2,2-Dichloropropane	7.17	77	46299	19.390	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	48304	21.563	ug/l	99
28) Bromochloromethane	7.51	49	42617	23.178	ug/l	96
29) Tetrahydrofuran	7.53	42	62681	129.800	ug/l	98
30) Chloroform	7.67	83	90024	23.325	ug/l	98
31) Cyclohexane	7.95	56	68106	16.318	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	67358	22.061	ug/l	98
36) 1,1-Dichloropropene	8.08	75	61384	18.540	ug/l	98
37) Ethyl Acetate	7.25	43	40583	22.368	ug/l	97
38) Carbon Tetrachloride	8.07	117	59122	20.631	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012612.D
 Acq On : 05 Sep 2019 02:15
 Operator : SY/VA
 Sample : VW0904SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0904SBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/7/2019 12:46:16 AM

Quant Time: Sep 05 07:39:00 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	62230	16.730	ug/l	93
40) Benzene	8.32	78	182133	20.145	ug/l	99
41) Methacrylonitrile	7.48	41	26665	25.005	ug/l	98
42) 1,2-Dichloroethane	8.40	62	68721	24.253	ug/l	100
43) Isopropyl Acetate	8.42	43	81892	24.367	ug/l	99
44) Trichloroethene	9.09	130	44691	20.334	ug/l	94
45) 1,2-Dichloropropane	9.37	63	51133	21.015	ug/l	99
46) Dibromomethane	9.46	93	25810	23.841	ug/l	96
47) Bromodichloromethane	9.64	83	66120	22.948	ug/l	96
48) Methyl methacrylate	9.43	41	38583	24.121	ug/l	96
49) 1,4-Dioxane	9.46	88	8831	532.848	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	220449	128.963	ug/l	99
52) Toluene	10.38	92	112289	20.675	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	65881	22.447	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	74927	21.144	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	36366	23.742	ug/l	97
56) Ethyl methacrylate	10.65	69	53031	23.788	ug/l	99
57) 1,3-Dichloropropane	10.93	76	69383	23.970	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	135514	118.444	ug/l	99
59) 2-Hexanone	10.97	43	150709	124.603	ug/l	98
60) Dibromochloromethane	11.13	129	40800	23.914	ug/l	98
61) 1,2-Dibromoethane	11.23	107	34222	23.982	ug/l	100
64) Tetrachloroethene	10.86	164	39670	21.067	ug/l	99
65) Chlorobenzene	11.66	112	120216	21.020	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	45032	22.570	ug/l	99
67) Ethyl Benzene	11.73	91	220381	20.003	ug/l	99
68) m/p-Xylenes	11.83	106	160851	40.532	ug/l	99
69) o-Xylene	12.16	106	76608	20.857	ug/l	100
70) Styrene	12.18	104	134801	21.203	ug/l	99
71) Bromoform	12.35	173	24652	24.799	ug/l	# 99
73) Isopropylbenzene	12.46	105	210961	19.853	ug/l	98
74) N-amyl acetate	12.27	43	71618	22.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	44957	23.077	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	37056m	26.829	ug/l	
77) Bromobenzene	12.75	156	49579	21.566	ug/l	99
78) n-propylbenzene	12.80	91	252293	19.448	ug/l	99
79) 2-Chlorotoluene	12.89	91	150803	20.475	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	182540	20.558	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	12235	19.422	ug/l	88
82) 4-Chlorotoluene	12.99	91	158855	20.599	ug/l	100
83) tert-Butylbenzene	13.21	119	155141	20.626	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	184229	20.655	ug/l	99
85) sec-Butylbenzene	13.38	105	213944	19.854	ug/l	99
86) p-Isopropyltoluene	13.49	119	194368	20.197	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	96112	21.375	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	96902	21.704	ug/l	99
89) n-Butylbenzene	13.82	91	181577	18.974	ug/l	100
90) Hexachloroethane	14.09	117	34049	20.166	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	88320	22.390	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7902	24.061	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090419\
Data File : VW012612.D
Acq On : 05 Sep 2019 02:15
Operator : SY/VA
Sample : VW0904SBSD02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

Manual Integrations
APPROVED

MMDadoda
9/7/2019 12:46:16 AM

Quant Time: Sep 05 07:39:00 2019
Quant Method : Z:\V0ASRV\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	59530	21.838	ug/l	98
94) Hexachlorobutadiene	15.24	225	39395	21.886	ug/l	98
95) Naphthalene	15.36	128	112545	23.543	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	53745	22.598	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090419\
Data File : VW012612.D
Acq On : 05 Sep 2019 02:15
Operator : SY/VA
Sample : VW0904SBSD02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

Manual Integrations
APPROVED

MMDadoda
9/7/2019 12:46:16 AM

Quant Time: Sep 05 07:39:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

