

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041719\
 Data File : VW010033.D
 Acq On : 18 Apr 2019 02:14
 Operator : SY/VA
 Sample : VW0417SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0417SBS02

Manual Integrations
 APPROVED

MMDadoda
 4/18/2019 11:39:22 AM

Quant Time: Apr 18 04:38:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	327635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	561143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	525904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	265531	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	235831	58.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.66%	
35) Dibromofluoromethane	7.88	113	185822	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	10.32	98	721123	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
62) 4-Bromofluorobenzene	12.62	95	259844	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	46804	18.735	ug/l	96
3) Chloromethane	2.21	50	48566	19.440	ug/l	98
4) Vinyl Chloride	2.37	62	55751	19.199	ug/l	95
5) Bromomethane	2.77	94	41148	21.085	ug/l	97
6) Chloroethane	2.92	64	39945	21.053	ug/l	98
7) Trichlorofluoromethane	3.25	101	32129	16.002	ug/l	93
8) Diethyl Ether	3.67	74	37360	22.370	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	70224	20.786	ug/l	96
10) Methyl Iodide	4.26	142	100656	21.559	ug/l	99
11) Tert butyl alcohol	5.17	59	28004	121.596	ug/l	99
12) 1,1-Dichloroethene	4.03	96	66199	20.438	ug/l	93
13) Acrolein	3.89	56	23227	95.865	ug/l	94
14) Allyl chloride	4.65	41	116797	20.283	ug/l	99
15) Acrylonitrile	5.36	53	100496	116.925	ug/l	100
16) Acetone	4.12	43	90956	96.957	ug/l	96
17) Carbon Disulfide	4.37	76	173089	18.603	ug/l	96
18) Methyl Acetate	4.67	43	51775	23.847	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	100515	23.892	ug/l	97
20) Methylene Chloride	4.91	84	96019	24.093	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	75776	21.605	ug/l	91
22) Diisopropyl ether	6.31	45	272877	23.362	ug/l	99
23) Vinyl Acetate	6.25	43	848356	115.375	ug/l	99
24) 1,1-Dichloroethane	6.21	63	158142	22.648	ug/l	99
25) 2-Butanone	7.17	43	138470	112.366	ug/l	97
26) 2,2-Dichloropropane	7.15	77	68826	17.816	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	81246	21.062	ug/l	99
28) Bromochloromethane	7.51	49	69160	24.236	ug/l	99
29) Tetrahydrofuran	7.52	42	97028	124.263	ug/l	98
30) Chloroform	7.67	83	160089	22.881	ug/l	99
31) Cyclohexane	7.95	56	130528	19.963	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	116184	21.153	ug/l	98
36) 1,1-Dichloropropene	8.07	75	114829	20.033	ug/l	100
37) Ethyl Acetate	7.25	43	69720	23.937	ug/l	99
38) Carbon Tetrachloride	8.07	117	110964	19.836	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041719\
 Data File : VW010033.D
 Acq On : 18 Apr 2019 02:14
 Operator : SY/VA
 Sample : VW0417SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0417SBS02

Manual Integrations
 APPROVED

MMDadoda
 4/18/2019 11:39:22 AM

Quant Time: Apr 18 04:38:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	121493	18.199	ug/l	99
40) Benzene	8.32	78	330505	21.088	ug/l	100
41) Methacrylonitrile	7.48	41	39555	23.828	ug/l	97
42) 1,2-Dichloroethane	8.40	62	119244	22.139	ug/l	100
43) Isopropyl Acetate	8.43	43	123248	22.581	ug/l	98
44) Trichloroethene	9.09	130	82457	20.714	ug/l	94
45) 1,2-Dichloropropane	9.37	63	90109	21.873	ug/l	99
46) Dibromomethane	9.46	93	47184	22.099	ug/l	98
47) Bromodichloromethane	9.64	83	116966	21.221	ug/l	99
48) Methyl methacrylate	9.43	41	59482	22.388	ug/l	99
49) 1,4-Dioxane	9.45	88	15196	465.777	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	343919	120.307	ug/l	99
52) Toluene	10.39	92	206826	21.185	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	111357	20.378	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	124818	20.003	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	66032	22.157	ug/l	96
56) Ethyl methacrylate	10.65	69	80552	21.078	ug/l	97
57) 1,3-Dichloropropane	10.93	76	120838	22.623	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	238790	134.095	ug/l	100
59) 2-Hexanone	10.97	43	230438	115.801	ug/l	99
60) Dibromochloromethane	11.13	129	73757	21.413	ug/l	98
61) 1,2-Dibromoethane	11.23	107	62123	21.913	ug/l	99
64) Tetrachloroethene	10.86	164	79430	23.266	ug/l	94
65) Chlorobenzene	11.66	112	230694	21.432	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	81280	21.116	ug/l	98
67) Ethyl Benzene	11.73	91	390816	20.350	ug/l	99
68) m/p-Xylenes	11.84	106	297736	41.475	ug/l	99
69) o-Xylene	12.17	106	136971	20.955	ug/l	100
70) Styrene	12.18	104	232328	20.614	ug/l	99
71) Bromoform	12.35	173	43919	21.577	ug/l #	98
73) Isopropylbenzene	12.46	105	381834	20.662	ug/l	99
74) N-amyl acetate	12.27	43	113260	22.131	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	81058	22.201	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	57830m	21.761	ug/l	
77) Bromobenzene	12.75	156	91209	21.460	ug/l	99
78) n-propylbenzene	12.80	91	478228	20.879	ug/l	99
79) 2-Chlorotoluene	12.90	91	278633	21.152	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	325147	20.751	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	21544	19.115	ug/l	93
82) 4-Chlorotoluene	12.99	91	292838	21.122	ug/l	99
83) tert-Butylbenzene	13.21	119	271308	20.909	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	341164	21.475	ug/l	98
85) sec-Butylbenzene	13.38	105	404322	20.851	ug/l	100
86) p-Isopropyltoluene	13.50	119	345903	20.239	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	181641	21.142	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	177342	20.679	ug/l	97
89) n-Butylbenzene	13.83	91	331025	19.549	ug/l	100
90) Hexachloroethane	14.10	117	66870	20.427	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	166612	21.628	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14296	21.880	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041719\
Data File : VW010033.D
Acq On : 18 Apr 2019 02:14
Operator : SY/VA
Sample : VW0417SBSD02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0417SBSD02

Manual Integrations
APPROVED

MMDadoda
4/18/2019 11:39:22 AM

Quant Time: Apr 18 04:38:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 02:23:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	104810	20.623	ug/l	98
94) Hexachlorobutadiene	15.24	225	60371	19.562	ug/l	100
95) Naphthalene	15.37	128	202820	21.680	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	94299	21.386	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041719\
 Data File : VW010033.D
 Acq On : 18 Apr 2019 02:14
 Operator : SY/VA
 Sample : VW0417SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 VW0417SBS02

Manual Integrations
 APPROVED

MMDadoda
 4/18/2019 11:39:22 AM

Quant Time: Apr 18 04:38:17 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

