

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030920\
 Data File : VW015100.D
 Acq On : 09 Mar 2020 16:31
 Operator : SY/VA
 Sample : VW0309SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:24:06 PM

Quant Time: Mar 10 18:23:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:51:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	447746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	833358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	741696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	325169	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	349887	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
35) Dibromofluoromethane	7.88	113	260249	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
50) Toluene-d8	10.32	98	1130482	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
62) 4-Bromofluorobenzene	12.62	95	372344	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	59553	21.935	ug/l	100
3) Chloromethane	2.21	50	117572	20.180	ug/l	99
4) Vinyl Chloride	2.37	62	154995	20.321	ug/l	96
5) Bromomethane	2.78	94	99235	22.761	ug/l	97
6) Chloroethane	2.92	64	92506	20.939	ug/l	98
7) Trichlorofluoromethane	3.26	101	82875	21.712	ug/l	95
8) Diethyl Ether	3.68	74	60669	20.860	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	120840	20.768	ug/l	98
10) Methyl Iodide	4.27	142	136641	21.109	ug/l	99
11) Tert butyl alcohol	5.18	59	40462	106.940	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	119349	20.979	ug/l	98
13) Acrolein	3.89	56	59672	107.836	ug/l	97
14) Allyl chloride	4.67	41	241239	21.160	ug/l	100
15) Acrylonitrile	5.37	53	150046	100.646	ug/l	99
16) Acetone	4.13	43	136256	90.750	ug/l	99
17) Carbon Disulfide	4.38	76	415121	20.581	ug/l	99
18) Methyl Acetate	4.67	43	71994	20.228	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	161076	22.118	ug/l	91
20) Methylene Chloride	4.91	84	145072	21.442	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	129121	21.377	ug/l	97
22) Diisopropyl ether	6.31	45	487815	22.300	ug/l	98
23) Vinyl Acetate	6.25	43	1363557	105.593	ug/l	99
24) 1,1-Dichloroethane	6.21	63	270920	21.238	ug/l	98
25) 2-Butanone	7.16	43	207653	100.885	ug/l	97
26) 2,2-Dichloropropane	7.16	77	163947	22.471	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	134486	21.387	ug/l	97
28) Bromochloromethane	7.51	49	121321	19.848	ug/l	100
29) Tetrahydrofuran	7.53	42	128704	99.966	ug/l	100
30) Chloroform	7.67	83	240032	21.203	ug/l	96
31) Cyclohexane	7.95	56	276161	21.049	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	186355	21.083	ug/l	99
36) 1,1-Dichloropropene	8.08	75	206980	21.417	ug/l	99
37) Ethyl Acetate	7.25	43	98229	20.394	ug/l	99
38) Carbon Tetrachloride	8.07	117	165339	21.016	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030920\
 Data File : VW015100.D
 Acq On : 09 Mar 2020 16:31
 Operator : SY/VA
 Sample : VW0309SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:24:06 PM

Quant Time: Mar 10 18:23:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:51:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	226416	20.490	ug/l	99
40) Benzene	8.32	78	571126	21.265	ug/l	100
41) Methacrylonitrile	7.48	41	52255	20.513	ug/l	96
42) 1,2-Dichloroethane	8.40	62	171793	20.995	ug/l	100
43) Isopropyl Acetate	8.42	43	176021	20.384	ug/l	99
44) Trichloroethene	9.09	130	116367	20.355	ug/l	97
45) 1,2-Dichloropropane	9.37	63	151822	20.991	ug/l	99
46) Dibromomethane	9.46	93	64030	20.359	ug/l	99
47) Bromodichloromethane	9.64	83	172758	20.575	ug/l	100
48) Methyl methacrylate	9.43	41	77211	19.093	ug/l	100
49) 1,4-Dioxane	9.46	88	15860	329.381	ug/l #	64
51) 4-Methyl-2-Pentanone	10.21	43	457517	95.924	ug/l	99
52) Toluene	10.38	92	327833	21.248	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	167269	20.249	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	204656	20.338	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	87198	20.234	ug/l	99
56) Ethyl methacrylate	10.65	69	110904	19.161	ug/l	97
57) 1,3-Dichloropropane	10.93	76	171893	20.951	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	326409	100.046	ug/l	100
59) 2-Hexanone	10.96	43	288883	91.012	ug/l	99
60) Dibromochloromethane	11.13	129	88273	19.833	ug/l	98
61) 1,2-Dibromoethane	11.23	107	78037	20.426	ug/l	98
64) Tetrachloroethene	10.86	164	88802	20.747	ug/l	99
65) Chlorobenzene	11.66	112	313377	21.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	101606	20.496	ug/l	100
67) Ethyl Benzene	11.73	91	619548	21.386	ug/l	100
68) m/p-Xylenes	11.83	106	438252	42.793	ug/l	100
69) o-Xylene	12.16	106	190453	20.645	ug/l	98
70) Styrene	12.18	104	333073	21.071	ug/l	99
71) Bromoform	12.35	173	42843	19.474	ug/l #	98
73) Isopropylbenzene	12.46	105	541971	21.819	ug/l	99
74) N-amyl acetate	12.27	43	148254	19.745	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	104797	20.777	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	83053m	22.599	ug/l	
77) Bromobenzene	12.74	156	105891	21.569	ug/l	100
78) n-propylbenzene	12.80	91	715268	22.158	ug/l	100
79) 2-Chlorotoluene	12.89	91	397834	21.920	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	466375	21.837	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	30948	19.021	ug/l	92
82) 4-Chlorotoluene	12.99	91	422451	21.857	ug/l	100
83) tert-Butylbenzene	13.21	119	372170	21.510	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	469194	21.971	ug/l	99
85) sec-Butylbenzene	13.38	105	571866	21.840	ug/l	100
86) p-Isopropyltoluene	13.49	119	485370	21.565	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	222380	21.378	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	213110	20.806	ug/l	97
89) n-Butylbenzene	13.82	91	518174	21.347	ug/l	99
90) Hexachloroethane	14.09	117	92459	20.483	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	189681	20.820	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	16178	19.974	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030920\
Data File : VW015100.D
Acq On : 09 Mar 2020 16:31
Operator : SY/VA
Sample : VW0309SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0309SBS01

Manual Integrations
APPROVED

MMDadoda
3/11/2020 3:24:06 PM

Quant Time: Mar 10 18:23:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 09 18:51:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	104772	20.096	ug/l	99
94) Hexachlorobutadiene	15.24	225	66216	20.229	ug/l	97
95) Naphthalene	15.36	128	183682	18.221	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	91351	19.755	ug/l	99

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

