

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010654.D
 Acq On : 03 Jun 2019 12:48
 Operator : SY/VA
 Sample : VW0603SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0603SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 12:12:47 PM

Quant Time: Jun 04 07:52:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	181339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	292204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	263504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133797	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	81743	43.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.34%	
35) Dibromofluoromethane	7.88	113	87565	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.32	98	328692	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.62	95	128367	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	25559	15.629	ug/l	95
3) Chloromethane	2.21	50	28280	14.843	ug/l	99
4) Vinyl Chloride	2.35	62	33510	15.184	ug/l	99
5) Bromomethane	2.75	94	25123	16.547	ug/l	93
6) Chloroethane	2.90	64	24475	17.276	ug/l	99
7) Trichlorofluoromethane	3.25	101	64401	19.766	ug/l	97
8) Diethyl Ether	3.68	74	19507	18.887	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40413	20.140	ug/l	94
10) Methyl Iodide	4.27	142	34756	15.154	ug/l	97
11) Tert butyl alcohol	5.15	59	17501	103.950	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	37555	19.607	ug/l	93
13) Acrolein	3.90	56	6769	51.263	ug/l	95
14) Allyl chloride	4.67	41	51413	18.544	ug/l	99
15) Acrylonitrile	5.37	53	37481	86.651	ug/l	97
16) Acetone	4.12	43	33880	88.677	ug/l	98
17) Carbon Disulfide	4.37	76	92895	16.260	ug/l	100
18) Methyl Acetate	4.67	43	17271	18.483	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	90672	18.569	ug/l	96
20) Methylene Chloride	4.92	84	42132	15.272	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	42487	19.338	ug/l	97
22) Diisopropyl ether	6.31	45	107265	18.868	ug/l	96
23) Vinyl Acetate	6.25	43	294675	86.773	ug/l	99
24) 1,1-Dichloroethane	6.21	63	68091	20.071	ug/l	99
25) 2-Butanone	7.17	43	49111	89.821	ug/l	95
26) 2,2-Dichloropropane	7.17	77	68731	21.268	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	49515	20.730	ug/l	99
28) Bromochloromethane	7.51	49	23489	19.338	ug/l	92
29) Tetrahydrofuran	7.53	42	29745	80.396	ug/l	97
30) Chloroform	7.68	83	74860	20.457	ug/l	98
31) Cyclohexane	7.95	56	64931	18.271	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	70312	20.103	ug/l	97
36) 1,1-Dichloropropene	8.08	75	57185	21.008	ug/l	98
37) Ethyl Acetate	7.25	43	20759	17.934	ug/l	97
38) Carbon Tetrachloride	8.07	117	64133	21.841	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010654.D
 Acq On : 03 Jun 2019 12:48
 Operator : SY/VA
 Sample : VW0603SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0603SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 12:12:47 PM

Quant Time: Jun 04 07:52:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73416	20.131	ug/l	99
40) Benzene	8.32	78	162562	21.487	ug/l	100
41) Methacrylonitrile	7.49	41	12161	17.682	ug/l	95
42) 1,2-Dichloroethane	8.40	62	44934	20.780	ug/l	99
43) Isopropyl Acetate	8.43	43	42261	18.275	ug/l	98
44) Trichloroethene	9.09	130	50315	22.401	ug/l	98
45) 1,2-Dichloropropane	9.37	63	38040	21.170	ug/l	99
46) Dibromomethane	9.46	93	22285	21.207	ug/l	97
47) Bromodichloromethane	9.65	83	54431	20.612	ug/l	100
48) Methyl methacrylate	9.44	41	18419	17.410	ug/l	95
49) 1,4-Dioxane	9.45	88	6402	372.947	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	104255	88.970	ug/l	98
52) Toluene	10.39	92	112020	22.047	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	53484	19.998	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	64001	20.954	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	31768	21.023	ug/l	97
56) Ethyl methacrylate	10.65	69	38205	18.332	ug/l	99
57) 1,3-Dichloropropane	10.93	76	52420	20.709	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	87415	94.698	ug/l	97
59) 2-Hexanone	10.97	43	74623	89.273	ug/l	98
60) Dibromochloromethane	11.13	129	40420	21.135	ug/l	97
61) 1,2-Dibromoethane	11.24	107	31471	20.559	ug/l	97
64) Tetrachloroethene	10.86	164	41974	22.851	ug/l	96
65) Chlorobenzene	11.66	112	124894	22.239	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	45161	22.449	ug/l	98
67) Ethyl Benzene	11.73	91	216521	21.838	ug/l	99
68) m/p-Xylenes	11.84	106	169823	43.667	ug/l	100
69) o-Xylene	12.16	106	80744	21.914	ug/l	98
70) Styrene	12.18	104	135855	21.731	ug/l	99
71) Bromoform	12.35	173	21684	19.573	ug/l #	97
73) Isopropylbenzene	12.47	105	222177	20.926	ug/l	100
74) N-amyl acetate	12.27	43	39687	16.312	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	34796	18.018	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	19712m	14.514	ug/l	
77) Bromobenzene	12.75	156	52783	22.216	ug/l	92
78) n-propylbenzene	12.80	91	252137	20.378	ug/l	98
79) 2-Chlorotoluene	12.90	91	146932	20.477	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	186660	20.758	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	10356	15.914	ug/l	97
82) 4-Chlorotoluene	12.99	91	151950	20.402	ug/l	97
83) tert-Butylbenzene	13.21	119	169256	21.548	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	188906	21.093	ug/l	99
85) sec-Butylbenzene	13.39	105	230902	21.006	ug/l	100
86) p-Isopropyltoluene	13.50	119	213428	21.451	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	102767	22.046	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	103954	22.227	ug/l	99
89) n-Butylbenzene	13.83	91	191521	20.238	ug/l	99
90) Hexachloroethane	14.10	117	38622	20.055	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	92076	21.679	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6072	16.910	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
Data File : VW010654.D
Acq On : 03 Jun 2019 12:48
Operator : SY/VA
Sample : VW0603SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

Manual Integrations
APPROVED

MMDadoda
6/4/2019 12:12:47 PM

Quant Time: Jun 04 07:52:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	63483	21.968	ug/l	99
94) Hexachlorobutadiene	15.24	225	36630	23.727	ug/l	99
95) Naphthalene	15.37	128	108808	17.937	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	52885	21.268	ug/l	97

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

