

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008240.D
 Acq On : 14 Jan 2019 12:12
 Operator : SY/VA
 Sample : VW0114SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS01

Manual Integrations
 APPROVED

apatel
 1/15/2019 2:08:38 PM

Quant Time: Jan 14 21:26:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	168114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	153609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77868	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	48710	41.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.32%	
35) Dibromofluoromethane	7.88	113	49647	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.32	98	203464	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.62	95	70186	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15231	17.939	ug/l	98
3) Chloromethane	2.21	50	18814	17.080	ug/l	94
4) Vinyl Chloride	2.36	62	27413	19.068	ug/l	94
5) Bromomethane	2.78	94	20877	19.386	ug/l	86
6) Chloroethane	2.93	64	18129	16.758	ug/l	97
7) Trichlorofluoromethane	3.25	101	21358	18.274	ug/l	95
8) Diethyl Ether	3.68	74	11432	17.302	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22776	19.628	ug/l	96
10) Methyl Iodide	4.26	142	32544	19.243	ug/l	99
11) Tert butyl alcohol	5.23	59	6103m	65.088	ug/l	
12) 1,1-Dichloroethene	4.03	96	21766	19.105	ug/l	91
13) Acrolein	3.90	56	4666	58.797	ug/l	97
14) Allyl chloride	4.66	41	37324	18.044	ug/l	95
15) Acrylonitrile	5.37	53	22327	88.758	ug/l	99
16) Acetone	4.14	43	23722	100.198	ug/l	96
17) Carbon Disulfide	4.37	76	65602	18.433	ug/l	100
18) Methyl Acetate	4.68	43	11632	15.740	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	30574	16.508	ug/l	94
20) Methylene Chloride	4.90	84	25552	19.238	ug/l	87
21) trans-1,2-Dichloroethene	5.42	96	24240	19.579	ug/l	89
22) Diisopropyl ether	6.31	45	71622	18.156	ug/l #	96
23) Vinyl Acetate	6.26	43	180079	86.917	ug/l	98
24) 1,1-Dichloroethane	6.21	63	43486	18.919	ug/l	96
25) 2-Butanone	7.17	43	29330	90.158	ug/l	100
26) 2,2-Dichloropropane	7.17	77	29537	18.965	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	25444	18.837	ug/l	97
28) Bromochloromethane	7.51	49	15712	17.282	ug/l	94
29) Tetrahydrofuran	7.53	42	17419	80.158	ug/l	94
30) Chloroform	7.67	83	42355	19.359	ug/l	99
31) Cyclohexane	7.95	56	42945	17.453	ug/l	89
32) 1,1,1-Trichloroethane	7.87	97	37253	19.569	ug/l	98
36) 1,1-Dichloropropene	8.08	75	36049	20.817	ug/l	99
37) Ethyl Acetate	7.26	43	11594	16.711	ug/l	95
38) Carbon Tetrachloride	8.06	117	34520	21.779	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008240.D
 Acq On : 14 Jan 2019 12:12
 Operator : SY/VA
 Sample : VW0114SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS01

Manual Integrations
 APPROVED

apatel
 1/15/2019 2:08:38 PM

Quant Time: Jan 14 21:26:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	42921	19.547	ug/l	96
40) Benzene	8.32	78	97554	20.769	ug/l	100
41) Methacrylonitrile	7.49	41	7970	18.185	ug/l	95
42) 1,2-Dichloroethane	8.40	62	26017	19.694	ug/l	97
43) Isopropyl Acetate	8.43	43	24375	17.572	ug/l	97
44) Trichloroethene	9.09	130	26805	22.294	ug/l	87
45) 1,2-Dichloropropane	9.37	63	24378	20.932	ug/l	92
46) Dibromomethane	9.46	93	11687	20.433	ug/l	96
47) Bromodichloromethane	9.64	83	31181	21.470	ug/l	100
48) Methyl methacrylate	9.44	41	12010	18.349	ug/l	95
49) 1,4-Dioxane	9.47	88	3414	371.157	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	60105	89.514	ug/l	99
52) Toluene	10.39	92	62555	20.854	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	29525	19.544	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	35187	19.642	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	16160	20.124	ug/l	98
56) Ethyl methacrylate	10.65	69	18756	18.860	ug/l	96
57) 1,3-Dichloropropane	10.93	76	29670	20.202	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	46379	90.283	ug/l	99
59) 2-Hexanone	10.97	43	42602	93.822	ug/l	100
60) Dibromochloromethane	11.13	129	19611	22.239	ug/l	98
61) 1,2-Dibromoethane	11.24	107	15525	20.375	ug/l	100
64) Tetrachloroethene	10.86	164	21828	21.835	ug/l	96
65) Chlorobenzene	11.66	112	67399	20.711	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	22754	21.497	ug/l	98
67) Ethyl Benzene	11.73	91	118557	19.910	ug/l	94
68) m/p-Xylenes	11.84	106	93228	41.020	ug/l	98
69) o-Xylene	12.17	106	42696	20.286	ug/l	96
70) Styrene	12.18	104	69646	21.127	ug/l	98
71) Bromoform	12.35	173	10810	22.819	ug/l #	95
73) Isopropylbenzene	12.47	105	119718	19.583	ug/l	100
74) N-amyl acetate	12.27	43	21678	16.012	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	18530	18.937	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	15868m	22.354	ug/l	
77) Bromobenzene	12.75	156	26354	20.402	ug/l	90
78) n-propylbenzene	12.80	91	146255	19.525	ug/l	97
79) 2-Chlorotoluene	12.90	91	81667	19.542	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	99745	19.855	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5480	17.977	ug/l	97
82) 4-Chlorotoluene	12.99	91	85455	19.415	ug/l	97
83) tert-Butylbenzene	13.21	119	88304	19.868	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	102144	19.714	ug/l	98
85) sec-Butylbenzene	13.39	105	129536	19.897	ug/l	99
86) p-Isopropyltoluene	13.50	119	111528	19.838	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	55935	21.346	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	54012	20.545	ug/l	99
89) n-Butylbenzene	13.83	91	108960	19.788	ug/l	98
90) Hexachloroethane	14.10	117	19968	21.028	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	47832	20.771	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2981	18.930	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011419\
Data File : VW008240.D
Acq On : 14 Jan 2019 12:12
Operator : SY/VA
Sample : VW0114SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

Manual Integrations
APPROVED

apatel
1/15/2019 2:08:38 PM

Quant Time: Jan 14 21:26:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	31305	20.475	ug/l	98
94) Hexachlorobutadiene	15.24	225	18853	23.038	ug/l	99
95) Naphthalene	15.38	128	50500	17.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	26991	20.709	ug/l	96

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

