

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008266.D
 Acq On : 15 Jan 2019 01:50
 Operator : SY/VA
 Sample : VW0114SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBSD02

Manual Integrations
 APPROVED

apatel
 1/15/2019 2:09:02 PM

Quant Time: Jan 15 11:14:23 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	85358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	147789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	136383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	66906	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	50214	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
35) Dibromofluoromethane	7.88	113	48139	55.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.70%	
50) Toluene-d8	10.32	98	191204	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.62	95	68676	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11871	17.041	ug/l	90
3) Chloromethane	2.21	50	16364	18.106	ug/l	94
4) Vinyl Chloride	2.37	62	22275	18.884	ug/l	98
5) Bromomethane	2.78	94	20718	23.447	ug/l	94
6) Chloroethane	2.93	64	16417	18.496	ug/l	98
7) Trichlorofluoromethane	3.26	101	16864	17.586	ug/l	100
8) Diethyl Ether	3.68	74	11935	22.015	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	4.06	101	18350	19.273	ug/l	98
10) Methyl Iodide	4.26	142	28489	20.531	ug/l	98
11) Tert butyl alcohol	5.23	59	6570	94.915	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	18076	19.338	ug/l	93
13) Acrolein	3.89	56	4724	72.903	ug/l	98
14) Allyl chloride	4.66	41	30830	18.166	ug/l	99
15) Acrylonitrile	5.37	53	22978	111.330	ug/l	99
16) Acetone	4.14	43	17919	90.412	ug/l	92
17) Carbon Disulfide	4.38	76	54852	18.784	ug/l	97
18) Methyl Acetate	4.67	43	13263	21.874	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	30282	19.927	ug/l	99
20) Methylene Chloride	4.90	84	22153	20.629	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	21078	20.750	ug/l	86
22) Diisopropyl ether	6.31	45	62686	19.367	ug/l	91
23) Vinyl Acetate	6.26	43	168489	99.114	ug/l	97
24) 1,1-Dichloroethane	6.21	63	38335	20.327	ug/l	97
25) 2-Butanone	7.18	43	26787	100.355	ug/l	98
26) 2,2-Dichloropropane	7.16	77	22857	17.887	ug/l	94
27) cis-1,2-Dichloroethene	7.17	96	22659	20.445	ug/l	97
28) Bromochloromethane	7.51	49	14984	20.087	ug/l	90
29) Tetrahydrofuran	7.54	42	18738	105.093	ug/l	96
30) Chloroform	7.68	83	38050	21.196	ug/l	94
31) Cyclohexane	7.96	56	35565	17.616	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	31579	20.217	ug/l	99
36) 1,1-Dichloropropene	8.09	75	29614	19.453	ug/l	98
37) Ethyl Acetate	7.26	43	13146	21.554	ug/l	96
38) Carbon Tetrachloride	8.07	117	28655	20.565	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008266.D
 Acq On : 15 Jan 2019 01:50
 Operator : SY/VA
 Sample : VW0114SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0114SBSD02

Manual Integrations
 APPROVED

apatel
 1/15/2019 2:09:02 PM

Quant Time: Jan 15 11:14:23 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	34296	17.767	ug/l	96
40) Benzene	8.32	78	86387	20.921	ug/l	98
41) Methacrylonitrile	7.48	41	7597	19.718	ug/l	92
42) 1,2-Dichloroethane	8.40	62	24022	20.685	ug/l	98
43) Isopropyl Acetate	8.43	43	24372	19.986	ug/l	98
44) Trichloroethene	9.09	130	23124	21.877	ug/l	89
45) 1,2-Dichloropropane	9.37	63	22203	21.686	ug/l	91
46) Dibromomethane	9.46	93	11376	22.625	ug/l	97
47) Bromodichloromethane	9.64	83	27694	21.691	ug/l #	99
48) Methyl methacrylate	9.44	41	11602	20.163	ug/l	92
49) 1,4-Dioxane	9.47	88	4022	497.392	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	63946	108.332	ug/l	100
52) Toluene	10.39	92	55456	21.030	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	27067	20.381	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	31169	19.792	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	16180	22.919	ug/l	94
56) Ethyl methacrylate	10.65	69	18599	21.274	ug/l	96
57) 1,3-Dichloropropane	10.93	76	27566	21.351	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	49407	109.405	ug/l	97
59) 2-Hexanone	10.97	43	42366	106.134	ug/l	97
60) Dibromochloromethane	11.13	129	17897	23.087	ug/l	98
61) 1,2-Dibromoethane	11.24	107	15074	22.503	ug/l	100
64) Tetrachloroethene	10.86	164	18889	21.282	ug/l	97
65) Chlorobenzene	11.66	112	60199	20.835	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	19971	21.251	ug/l	98
67) Ethyl Benzene	11.73	91	104878	19.838	ug/l	97
68) m/p-Xylenes	11.84	106	81361	40.320	ug/l	99
69) o-Xylene	12.17	106	38013	20.342	ug/l	100
70) Styrene	12.18	104	62472	21.344	ug/l	97
71) Bromoform	12.35	173	9942	23.638	ug/l #	94
73) Isopropylbenzene	12.47	105	103519	19.708	ug/l	99
74) N-amyl acetate	12.27	43	23170	19.918	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	18456	21.951	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	13460m	22.068	ug/l	
77) Bromobenzene	12.75	156	23821	21.462	ug/l	92
78) n-propylbenzene	12.80	91	126028	19.581	ug/l	98
79) 2-Chlorotoluene	12.90	91	72286	20.131	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	87752	20.329	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5436	20.755	ug/l	99
82) 4-Chlorotoluene	12.99	91	76107	20.125	ug/l	96
83) tert-Butylbenzene	13.21	119	76335	19.989	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	91064	20.455	ug/l	99
85) sec-Butylbenzene	13.39	105	106834	19.098	ug/l	98
86) p-Isopropyltoluene	13.51	119	93532	19.363	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	46900	20.831	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	48004	21.251	ug/l	99
89) n-Butylbenzene	13.83	91	90844	19.201	ug/l	99
90) Hexachloroethane	14.10	117	17304	21.208	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	44131	22.303	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3224	23.827	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011419\
Data File : VW008266.D
Acq On : 15 Jan 2019 01:50
Operator : SY/VA
Sample : VW0114SBSD02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

Manual Integrations
APPROVED

apatel
1/15/2019 2:09:02 PM

Quant Time: Jan 15 11:14:23 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	27536	20.961	ug/l	100
94) Hexachlorobutadiene	15.24	225	15371	21.861	ug/l	98
95) Naphthalene	15.38	128	50981	20.784	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	25122	22.433	ug/l	98

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

