

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024579.D
 Acq On : 15 Jun 2018 07:08
 Operator : MD/SY
 Sample : J3478-03MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MS

Manual Integrations
 APPROVED

apatel
 6/15/2018 3:16:09 PM

Quant Time: Jun 15 08:39:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	167283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	270692	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	259038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	152395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	129456	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
35) Dibromofluoromethane	4.89	113	113624	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	7.57	98	410599	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	10.31	95	159870	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	85972	41.059	ug/l	99
3) Chloromethane	1.33	50	97919	45.774	ug/l	98
4) Vinyl Chloride	1.41	62	113918	51.638	ug/l	97
5) Bromomethane	1.63	94	51199	48.008	ug/l	100
6) Chloroethane	1.70	64	65402	53.119	ug/l	100
7) Trichlorofluoromethane	1.89	101	157184	46.688	ug/l	98
8) Diethyl Ether	2.10	74	59947	52.412	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	88057	42.159	ug/l	97
10) Methyl Iodide	2.41	142	42777	26.929	ug/l	99
11) Tert butyl alcohol	2.82	59	120084	180.799	ug/l	97
12) 1,1-Dichloroethene	2.29	96	86068	45.186	ug/l	91
13) Acrolein	2.20	56	66895	191.796	ug/l	98
14) Allyl chloride	2.60	41	138498	39.161	ug/l	92
15) Acrylonitrile	2.94	53	298873	231.281	ug/l	98
16) Acetone	2.32	43	239826	163.444	ug/l	95
17) Carbon Disulfide	2.48	76	266373	43.674	ug/l	100
18) Methyl Acetate	2.62	43	131806	41.901	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	321794	44.944	ug/l	98
20) Methylene Chloride	2.71	84	99169	43.073	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	96689	46.088	ug/l	92
22) Diisopropyl ether	3.57	45	321083	45.798	ug/l	96
23) Vinyl Acetate	3.53	43	1327031	211.302	ug/l	98
24) 1,1-Dichloroethane	3.45	63	182013	45.129	ug/l	99
25) 2-Butanone	4.26	43	420461	213.329	ug/l	97
26) 2,2-Dichloropropane	4.23	77	97227	25.388	ug/l	90
27) cis-1,2-Dichloroethene	4.23	96	152797	63.352	ug/l	89
28) Bromochloromethane	4.55	49	93941	52.881	ug/l	88
29) Tetrahydrofuran	4.63	42	277962	227.736	ug/l	97
30) Chloroform	4.68	83	187017	45.813	ug/l	100
31) Cyclohexane	5.00	56	164962	45.897	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	166790	44.184	ug/l	96
36) 1,1-Dichloropropene	5.14	75	139756	43.937	ug/l	97
37) Ethyl Acetate	4.38	43	150709	43.471	ug/l	96
38) Carbon Tetrachloride	5.14	117	151855	43.414	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	165486	41.690	ug/l	94
40) Benzene	5.39	78	409278	45.156	ug/l	98
41) Methacrylonitrile	4.54	41	87962	47.058	ug/l	97
42) 1,2-Dichloroethane	5.41	62	147367	42.690	ug/l	98
43) Isopropyl Acetate	5.55	43	254820	42.522	ug/l	98
44) Trichloroethene	6.19	130	118980	46.125	ug/l	93
45) 1,2-Dichloropropane	6.44	63	111225	45.991	ug/l	99
46) Dibromomethane	6.56	93	78622	46.283	ug/l	93
47) Bromodichloromethane	6.76	83	149978	44.338	ug/l	99
48) Methyl methacrylate	6.63	41	129187	44.271	ug/l	98
49) 1,4-Dioxane	6.62	88	43793	767.402	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	855077	227.118	ug/l	98
52) Toluene	7.64	92	260706	44.709	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	155060	40.819	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	165032	40.771	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	108883	45.936	ug/l	99
56) Ethyl methacrylate	8.02	69	178491	44.990	ug/l	98
57) 1,3-Dichloropropane	8.25	76	182555	45.655	ug/l	98
59) 2-Hexanone	8.36	43	657971	214.066	ug/l	98
60) Dibromochloromethane	8.48	129	129976	43.973	ug/l	99
61) 1,2-Dibromoethane	8.59	107	119784	45.403	ug/l	99
64) Tetrachloroethene	8.23	164	103629	42.087	ug/l	98
65) Chlorobenzene	9.12	112	300289	45.378	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.21	131	113605	45.187	ug/l	99
67) Ethyl Benzene	9.25	91	514433	44.344	ug/l	97
68) m/p-Xylenes	9.38	106	401920	90.223	ug/l	96
69) o-Xylene	9.78	106	196670	44.609	ug/l	95
70) Styrene	9.80	104	326677	45.090	ug/l	100
71) Bromoform	9.96	173	108301	45.321	ug/l #	99
73) Isopropylbenzene	10.17	105	521790	44.596	ug/l	98
74) N-amyl acetate	10.01	43	229829	41.297	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	182149	46.457	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	159313m	47.483	ug/l	
77) Bromobenzene	10.45	156	137182	46.313	ug/l	94
78) n-propylbenzene	10.59	91	611135	44.340	ug/l	97
79) 2-Chlorotoluene	10.66	91	358436	44.099	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	445969	43.976	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	51935m	35.825	ug/l	
82) 4-Chlorotoluene	10.78	91	424359	44.858	ug/l	98
83) tert-Butylbenzene	11.10	119	445541	45.673	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	461065	44.613	ug/l	99
85) sec-Butylbenzene	11.33	105	532931	43.645	ug/l	97
86) p-Isopropyltoluene	11.48	119	474161	43.358	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	249470	45.586	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	253475	46.019	ug/l	99
89) n-Butylbenzene	11.89	91	421779	43.441	ug/l	97
90) Hexachloroethane	12.15	117	89663	42.029	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	249268	45.476	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	45728	42.268	ug/l	85
93) 1,2,4-Trichlorobenzene	13.51	180	172062	50.833	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	80065	42.025	ug/l	99
95) Naphthalene	13.74	128	527871	47.147	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	174752	51.812	ug/l	99

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

