

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024753.D
 Acq On : 20 Jun 2018 13:23
 Operator : MD/SY
 Sample : VU0620WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 Client Sample ID :
 VU0620WBSD01

Manual Integrations
 APPROVED

apatel
 6/21/2018 1:44:37 PM

Quant Time: Jun 20 15:04:26 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	154399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	226868	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	208148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	118808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	85012	33.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.46%	
35) Dibromofluoromethane	4.89	113	73685	39.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.28%	
50) Toluene-d8	7.57	98	259786	37.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.66%	
62) 4-Bromofluorobenzene	10.31	95	96644	35.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	26603	13.77	ug/l	98
3) Chloromethane	1.33	50	28524	14.45	ug/l	97
4) Vinyl Chloride	1.40	62	29356	14.42	ug/l	99
5) Bromomethane	1.63	94	18264	18.55	ug/l	98
6) Chloroethane	1.70	64	17824	14.93	ug/l	98
7) Trichlorofluoromethane	1.89	101	44902	14.45	ug/l	94
8) Diethyl Ether	2.10	74	17148	14.89	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.29	101	26805	13.90	ug/l	94
10) Methyl Iodide	2.41	142	20491	16.52	ug/l	100
11) Tert butyl alcohol	2.82	59	35337	57.64	ug/l	99
12) 1,1-Dichloroethene	2.29	96	24943	14.19	ug/l	91
13) Acrolein	2.19	56	21729	67.50	ug/l	99
14) Allyl chloride	2.60	41	42334	12.97	ug/l	93
15) Acrylonitrile	2.94	53	84031	70.45	ug/l	98
16) Acetone	2.32	43	86865	64.14	ug/l	93
17) Carbon Disulfide	2.48	76	74973	13.32	ug/l	98
18) Methyl Acetate	2.62	43	41025	14.13	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	90136	13.64	ug/l	96
20) Methylene Chloride	2.71	84	30229	14.23	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	26949	13.92	ug/l	95
22) Diisopropyl ether	3.57	45	89667	13.86	ug/l	92
23) Vinyl Acetate	3.53	43	394405	68.04	ug/l	99
24) 1,1-Dichloroethane	3.45	63	51005	13.70	ug/l	99
25) 2-Butanone	4.26	43	121097	66.57	ug/l	95
26) 2,2-Dichloropropane	4.23	77	46529	13.16	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	31315	14.07	ug/l	97
28) Bromochloromethane	4.55	49	17871	10.90	ug/l	88
29) Tetrahydrofuran	4.64	42	74413	66.05	ug/l	96
30) Chloroform	4.68	83	52008	13.80	ug/l	96
31) Cyclohexane	5.00	56	49704	13.60	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	45847	13.16	ug/l	96
36) 1,1-Dichloropropene	5.14	75	36831	13.82	ug/l	96
37) Ethyl Acetate	4.38	43	41811	14.39	ug/l #	94
38) Carbon Tetrachloride	5.14	117	40291	13.74	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	48433	14.56	ug/l	92
40) Benzene	5.39	78	113462	14.94	ug/l	100
41) Methacrylonitrile	4.54	41	24779	15.82	ug/l	99
42) 1,2-Dichloroethane	5.41	62	40391	13.96	ug/l	96
43) Isopropyl Acetate	5.55	43	69860	13.91	ug/l	99
44) Trichloroethene	6.19	130	30807	14.25	ug/l	93
45) 1,2-Dichloropropane	6.44	63	30704	15.15	ug/l	95
46) Dibromomethane	6.56	93	21277	14.94	ug/l	95
47) Bromodichloromethane	6.76	83	39600	13.97	ug/l	95
48) Methyl methacrylate	6.63	41	33626	13.75	ug/l	95
49) 1,4-Dioxane	6.62	88	15087	315.44	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	228234	72.33	ug/l	99
52) Toluene	7.64	92	70315	14.39	ug/l	99
53) t-1,3-Dichloropropene	7.89	75	43448	13.65	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	45813	13.50	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	28914	14.55	ug/l	98
56) Ethyl methacrylate	8.02	69	47594	14.31	ug/l	100
57) 1,3-Dichloropropane	8.25	76	49820	14.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	66840	52.47	ug/l	97
59) 2-Hexanone	8.36	43	180097	69.91	ug/l	98
60) Dibromochloromethane	8.48	129	31755	12.82	ug/l	100
61) 1,2-Dibromoethane	8.59	107	31454	14.23	ug/l	97
64) Tetrachloroethene	8.23	164	26950	13.62	ug/l	96
65) Chlorobenzene	9.12	112	79045	14.87	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	28929	14.32	ug/l	96
67) Ethyl Benzene	9.25	91	134018	14.38	ug/l	97
68) m/p-Xylenes	9.38	106	105926	29.59	ug/l	97
69) o-Xylene	9.78	106	52513	14.82	ug/l	93
70) Styrene	9.80	104	84245	14.47	ug/l	99
71) Bromoform	9.96	173	25735	13.40	ug/l #	99
73) Isopropylbenzene	10.17	105	138233	15.15	ug/l	98
74) N-amyl acetate	10.01	43	63287	14.59	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	46647	15.26	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	41604m	15.91	ug/l	
77) Bromobenzene	10.45	156	34870	15.10	ug/l	95
78) n-propylbenzene	10.59	91	156859	14.60	ug/l	96
79) 2-Chlorotoluene	10.66	91	94938	14.98	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	118797	15.03	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	13805m	12.21	ug/l	
82) 4-Chlorotoluene	10.78	91	108378	14.69	ug/l	99
83) tert-Butylbenzene	11.10	119	119442	15.71	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	120114	14.91	ug/l	100
85) sec-Butylbenzene	11.33	105	141262	14.84	ug/l	97
86) p-Isopropyltoluene	11.48	119	124707	14.63	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	62814	14.72	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	64270	14.97	ug/l	98
89) n-Butylbenzene	11.89	91	104138	13.76	ug/l	97
90) Hexachloroethane	12.15	117	22139	13.31	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	65385	15.30	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	11050	13.10	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	43231	16.38	ug/l	100
94) Hexachlorobutadiene	13.70	225	22911	15.43	ug/l	100
95) Naphthalene	13.75	128	142773	16.80	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	45640	17.36	ug/l	99

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

