

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070218\
 Data File : VU025133.D
 Acq On : 02 Jul 2018 10:26
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 7/3/2018 3:52:26 PM

Quant Time: Jul 03 04:20:17 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	150928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	224770	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	212257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	131809	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	115714	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
35) Dibromofluoromethane	4.89	113	95486	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	7.57	98	307460	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	
62) 4-Bromofluorobenzene	10.31	95	134217	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	71998	38.11	ug/l	99
3) Chloromethane	1.33	50	74125	38.41	ug/l	99
4) Vinyl Chloride	1.40	62	80152	40.27	ug/l	99
5) Bromomethane	1.62	94	36534	37.97	ug/l	96
6) Chloroethane	1.70	64	52891	47.50	ug/l	99
7) Trichlorofluoromethane	1.89	101	138760	45.68	ug/l	100
8) Diethyl Ether	2.10	74	50707	49.02	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	81926	43.47	ug/l	96
10) Methyl Iodide	2.41	142	48995	32.76	ug/l	97
11) Tert butyl alcohol	2.82	59	117475	196.04	ug/l	99
12) 1,1-Dichloroethene	2.28	96	72533	42.21	ug/l	95
13) Acrolein	2.19	56	30639	97.37	ug/l	97
14) Allyl chloride	2.59	41	132414	41.50	ug/l	99
15) Acrylonitrile	2.93	53	248371	213.03	ug/l	100
16) Acetone	2.32	43	315857	238.59	ug/l	98
17) Carbon Disulfide	2.48	76	217864	39.59	ug/l	100
18) Methyl Acetate	2.62	43	146005	51.44	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	298124	46.15	ug/l	96
20) Methylene Chloride	2.70	84	91314	43.96	ug/l	94
21) trans-1,2-Dichloroethene	2.99	96	86326	45.61	ug/l	93
22) Diisopropyl ether	3.57	45	289509	45.77	ug/l	94
23) Vinyl Acetate	3.53	43	1210088	213.56	ug/l	99
24) 1,1-Dichloroethane	3.45	63	164408	45.18	ug/l	99
25) 2-Butanone	4.26	43	390803	219.77	ug/l	96
26) 2,2-Dichloropropane	4.23	77	160317	46.40	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	99838	45.88	ug/l	98
28) Bromochloromethane	4.55	49	72272	45.09	ug/l	86
29) Tetrahydrofuran	4.64	42	231036	209.80	ug/l	98
30) Chloroform	4.68	83	174635	47.42	ug/l	99
31) Cyclohexane	5.00	56	150460	46.42	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	160753	47.20	ug/l	97
36) 1,1-Dichloropropene	5.14	75	125183	47.40	ug/l	96
37) Ethyl Acetate	4.38	43	135114	46.94	ug/l	98
38) Carbon Tetrachloride	5.14	117	143474	49.40	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	159861	48.50	ug/l	97
40) Benzene	5.39	78	360109	47.85	ug/l	100
41) Methacrylonitrile	4.55	41	74871	48.24	ug/l	98
42) 1,2-Dichloroethane	5.41	62	149619	52.20	ug/l	98
43) Isopropyl Acetate	5.55	43	220852	44.38	ug/l	98
44) Trichloroethene	6.19	130	101141	47.22	ug/l	96
45) 1,2-Dichloropropane	6.44	63	95623	47.62	ug/l	98
46) Dibromomethane	6.56	93	69761	49.46	ug/l	95
47) Bromodichloromethane	6.76	83	136394	48.56	ug/l	100
48) Methyl methacrylate	6.62	41	113890	47.00	ug/l	98
49) 1,4-Dioxane	6.62	88	52394	1105.70	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	702266	224.64	ug/l	98
52) Toluene	7.64	92	237022	48.95	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	146879	46.57	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	154294	45.91	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	94963	48.25	ug/l	98
56) Ethyl methacrylate	8.02	69	150736	45.76	ug/l	100
57) 1,3-Dichloropropane	8.25	76	161423	48.62	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	262706	208.16	ug/l	95
59) 2-Hexanone	8.36	43	572456	224.30	ug/l	100
60) Dibromochloromethane	8.48	129	113103	46.08	ug/l	99
61) 1,2-Dibromoethane	8.59	107	104005	47.48	ug/l	98
64) Tetrachloroethene	8.23	164	99867	49.50	ug/l	100
65) Chlorobenzene	9.12	112	271293	50.03	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	100891	48.97	ug/l	98
67) Ethyl Benzene	9.25	91	472910	49.75	ug/l	99
68) m/p-Xylenes	9.38	106	368568	100.97	ug/l	97
69) o-Xylene	9.78	106	179480	49.68	ug/l	98
70) Styrene	9.80	104	291578	49.12	ug/l	98
71) Bromoform	9.96	173	88272	45.08	ug/l #	98
73) Isopropylbenzene	10.17	105	493389	48.76	ug/l	98
74) N-amyl acetate	10.01	43	196975	40.92	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	157001	46.30	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	143111m	49.32	ug/l	
77) Bromobenzene	10.45	156	125122	48.84	ug/l	94
78) n-propylbenzene	10.59	91	572564	48.03	ug/l	97
79) 2-Chlorotoluene	10.66	91	335860	47.78	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	430509	49.08	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	49008m	39.09	ug/l	
82) 4-Chlorotoluene	10.78	91	392140	47.93	ug/l	100
83) tert-Butylbenzene	11.10	119	426134	50.51	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	437827	48.98	ug/l	100
85) sec-Butylbenzene	11.33	105	515020	48.77	ug/l	98
86) p-Isopropyltoluene	11.48	119	457577	48.38	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	232199	49.06	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	232903	48.89	ug/l	99
89) n-Butylbenzene	11.89	91	389712	46.41	ug/l	98
90) Hexachloroethane	12.15	117	77132	41.80	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	237080	50.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	41595	44.45	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	158003	53.97	ug/l	99
94) Hexachlorobutadiene	13.70	225	86277	52.36	ug/l	98
95) Naphthalene	13.74	128	470122	48.53	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	160611	55.06	ug/l	99

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

