

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062718\
 Data File : VU024979.D
 Acq On : 27 Jun 2018 20:31
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 4:37:04 PM

Quant Time: Jun 28 04:55:55 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	183145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	284538	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	269794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	166494	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	145278	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
35) Dibromofluoromethane	4.89	113	115527	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	7.57	98	394319	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
62) 4-Bromofluorobenzene	10.31	95	164075	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	99009	43.19	ug/l	99
3) Chloromethane	1.33	50	105157	44.90	ug/l	99
4) Vinyl Chloride	1.40	62	112578	46.61	ug/l	100
5) Bromomethane	1.61	94	61734	52.87	ug/l	98
6) Chloroethane	1.69	64	74503	55.31	ug/l	99
7) Trichlorofluoromethane	1.88	101	185512	50.33	ug/l	100
8) Diethyl Ether	2.10	74	70588	56.52	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	112229	49.08	ug/l	98
10) Methyl Iodide	2.41	142	128031	64.45	ug/l	99
11) Tert butyl alcohol	2.83	59	170169	234.02	ug/l	99
12) 1,1-Dichloroethene	2.28	96	102713	49.25	ug/l	97
13) Acrolein	2.19	56	37811	99.02	ug/l	98
14) Allyl chloride	2.59	41	183116	47.29	ug/l	98
15) Acrylonitrile	2.93	53	355967	251.60	ug/l	98
16) Acetone	2.32	43	332874	207.21	ug/l	98
17) Carbon Disulfide	2.48	76	291441	43.65	ug/l	98
18) Methyl Acetate	2.62	43	208820	60.63	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	415615	53.02	ug/l	95
20) Methylene Chloride	2.70	84	124029	49.21	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	114421	49.82	ug/l	99
22) Diisopropyl ether	3.57	45	395021	51.46	ug/l	97
23) Vinyl Acetate	3.53	43	1663029	241.87	ug/l	99
24) 1,1-Dichloroethane	3.45	63	225649	51.10	ug/l	99
25) 2-Butanone	4.26	43	518444	240.26	ug/l	97
26) 2,2-Dichloropropane	4.23	77	192734	45.97	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	136218	51.59	ug/l	99
28) Bromochloromethane	4.55	49	42274	21.74	ug/l	88
29) Tetrahydrofuran	4.63	42	330268	247.15	ug/l	96
30) Chloroform	4.68	83	238113	53.28	ug/l	98
31) Cyclohexane	5.00	56	207214	52.96	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	216890	52.48	ug/l	96
36) 1,1-Dichloropropene	5.14	75	169224	50.61	ug/l	98
37) Ethyl Acetate	4.38	43	193124	52.99	ug/l	98
38) Carbon Tetrachloride	5.14	117	193134	52.53	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	208047	49.86	ug/l	97
40) Benzene	5.39	78	498055	52.28	ug/l	98
41) Methacrylonitrile	4.54	41	107825	54.88	ug/l	98
42) 1,2-Dichloroethane	5.41	62	203742	56.15	ug/l	100
43) Isopropyl Acetate	5.55	43	309163	49.08	ug/l	98
44) Trichloroethene	6.19	130	139292	51.37	ug/l	94
45) 1,2-Dichloropropane	6.44	63	132552	52.14	ug/l	98
46) Dibromomethane	6.56	93	94719	53.05	ug/l	95
47) Bromodichloromethane	6.76	83	182175	51.24	ug/l	99
48) Methyl methacrylate	6.62	41	159816	52.10	ug/l	99
49) 1,4-Dioxane	6.62	88	72191	1203.47	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	994321	251.25	ug/l	98
52) Toluene	7.64	92	319637	52.15	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	199023	49.84	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	209018	49.13	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	131922	52.95	ug/l	97
56) Ethyl methacrylate	8.02	69	209244	50.18	ug/l	100
57) 1,3-Dichloropropane	8.25	76	224547	53.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	122184	76.48	ug/l	96
59) 2-Hexanone	8.36	43	804236	248.92	ug/l	100
60) Dibromochloromethane	8.48	129	151482	48.76	ug/l	99
61) 1,2-Dibromoethane	8.59	107	144253	52.02	ug/l	99
64) Tetrachloroethene	8.23	164	131738	51.37	ug/l	97
65) Chlorobenzene	9.12	112	364356	52.86	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	136625	52.18	ug/l	97
67) Ethyl Benzene	9.25	91	633243	52.41	ug/l	98
68) m/p-Xylenes	9.38	106	496136	106.93	ug/l	97
69) o-Xylene	9.78	106	247366	53.87	ug/l	96
70) Styrene	9.80	104	391500	51.88	ug/l	98
71) Bromoform	9.96	173	118553	47.63	ug/l #	98
73) Isopropylbenzene	10.17	105	663038	51.87	ug/l	100
74) N-amyl acetate	10.01	43	285177	46.90	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	220827	51.55	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	201791m	55.05	ug/l	
77) Bromobenzene	10.45	156	168653	52.12	ug/l	95
78) n-propylbenzene	10.59	91	755368	50.16	ug/l	97
79) 2-Chlorotoluene	10.66	91	457172	51.48	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	569818	51.43	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	70653m	44.61	ug/l	
82) 4-Chlorotoluene	10.78	91	528046	51.09	ug/l	99
83) tert-Butylbenzene	11.10	119	567842	53.28	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	586132	51.91	ug/l	100
85) sec-Butylbenzene	11.33	105	690874	51.79	ug/l	98
86) p-Isopropyltoluene	11.48	119	613206	51.32	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	310919	52.00	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	314690	52.29	ug/l	100
89) n-Butylbenzene	11.89	91	507867	47.88	ug/l	97
90) Hexachloroethane	12.15	117	104341	44.77	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	324476	54.18	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	60847	51.48	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	213282	57.67	ug/l	99
94) Hexachlorobutadiene	13.70	225	112154	53.88	ug/l	99
95) Naphthalene	13.74	128	702918	57.32	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	224140	60.83	ug/l	100

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

