

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024928.D
 Acq On : 26 Jun 2018 18:33
 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

apatel
 6/28/2018 4:38:07 PM

Quant Time: Jun 27 04:25:28 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	175956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	269355	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	254461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	165609	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	124668	43.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.80%	
35) Dibromofluoromethane	4.89	113	102049	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
50) Toluene-d8	7.57	98	351819	43.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.30%	
62) 4-Bromofluorobenzene	10.31	95	147479	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	99507	45.18	ug/l	99
3) Chloromethane	1.33	50	105745	47.00	ug/l	100
4) Vinyl Chloride	1.40	62	112511	48.49	ug/l	100
5) Bromomethane	1.61	94	66749	59.50	ug/l	99
6) Chloroethane	1.69	64	72449	56.00	ug/l	100
7) Trichlorofluoromethane	1.88	101	186884	52.77	ug/l	100
8) Diethyl Ether	2.10	74	69910	58.32	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	109919	50.03	ug/l	98
10) Methyl Iodide	2.41	142	114898	60.55	ug/l	98
11) Tert butyl alcohol	2.83	59	167530	239.80	ug/l	100
12) 1,1-Dichloroethene	2.28	96	101140	50.48	ug/l	96
13) Acrolein	2.19	56	44369	120.94	ug/l	95
14) Allyl chloride	2.59	41	175701	47.23	ug/l	99
15) Acrylonitrile	2.93	53	342145	251.72	ug/l	99
16) Acetone	2.32	43	369723	239.55	ug/l	98
17) Carbon Disulfide	2.48	76	295230	46.02	ug/l	100
18) Methyl Acetate	2.62	43	188693	57.03	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	399430	53.04	ug/l	97
20) Methylene Chloride	2.70	84	124875	51.56	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	114173	51.74	ug/l	95
22) Diisopropyl ether	3.57	45	385625	52.29	ug/l	95
23) Vinyl Acetate	3.53	43	1671247	252.99	ug/l	100
24) 1,1-Dichloroethane	3.45	63	219726	51.79	ug/l	99
25) 2-Butanone	4.26	43	524189	252.85	ug/l	100
26) 2,2-Dichloropropane	4.23	77	198098	49.18	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	133500	52.62	ug/l	99
28) Bromochloromethane	4.55	49	89030	47.65	ug/l	86
29) Tetrahydrofuran	4.63	42	316486	246.52	ug/l	96
30) Chloroform	4.68	83	233280	54.33	ug/l	98
31) Cyclohexane	5.00	56	202028	53.78	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	211075	53.16	ug/l	96
36) 1,1-Dichloropropene	5.14	75	170630	53.91	ug/l	97
37) Ethyl Acetate	4.38	43	185501	53.77	ug/l	97
38) Carbon Tetrachloride	5.14	117	192641	55.35	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	213655	54.09	ug/l	96
40) Benzene	5.39	78	494932	54.88	ug/l	99
41) Methacrylonitrile	4.54	41	103332	55.56	ug/l	97
42) 1,2-Dichloroethane	5.41	62	201290	58.60	ug/l	100
43) Isopropyl Acetate	5.55	43	303914	50.97	ug/l	99
44) Trichloroethene	6.19	130	137610	53.61	ug/l	96
45) 1,2-Dichloropropane	6.44	63	132755	55.17	ug/l	98
46) Dibromomethane	6.56	93	94025	55.63	ug/l	95
47) Bromodichloromethane	6.76	83	182658	54.27	ug/l	100
48) Methyl methacrylate	6.62	41	159489	54.93	ug/l	97
49) 1,4-Dioxane	6.62	88	74482	1311.66	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	985399	263.03	ug/l	98
52) Toluene	7.64	92	321480	55.40	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	198842	52.60	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	209940	52.12	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	131252	55.65	ug/l	99
56) Ethyl methacrylate	8.02	69	206923	52.42	ug/l	98
57) 1,3-Dichloropropane	8.25	76	221708	55.72	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	125112	82.72	ug/l	97
59) 2-Hexanone	8.36	43	807209	263.92	ug/l	99
60) Dibromochloromethane	8.48	129	151654	51.56	ug/l	99
61) 1,2-Dibromoethane	8.59	107	143895	54.81	ug/l	98
64) Tetrachloroethene	8.23	164	132798	54.90	ug/l	99
65) Chlorobenzene	9.12	112	366524	56.38	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	138698	56.16	ug/l	98
67) Ethyl Benzene	9.25	91	644204	56.53	ug/l	97
68) m/p-Xylenes	9.38	106	504517	115.29	ug/l	98
69) o-Xylene	9.78	106	251259	58.02	ug/l	96
70) Styrene	9.80	104	401796	56.46	ug/l	99
71) Bromoform	9.96	173	120721	51.43	ug/l #	98
73) Isopropylbenzene	10.17	105	682904	53.71	ug/l	100
74) N-amyl acetate	10.01	43	290589	48.05	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	220594	51.77	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	188399m	51.67	ug/l	
77) Bromobenzene	10.45	156	171483	53.27	ug/l	95
78) n-propylbenzene	10.59	91	784857	52.40	ug/l	97
79) 2-Chlorotoluene	10.66	91	467844	52.97	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	594229	53.92	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	74804m	47.48	ug/l	
82) 4-Chlorotoluene	10.78	91	548346	53.34	ug/l	100
83) tert-Butylbenzene	11.10	119	588382	55.50	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	610137	54.33	ug/l	100
85) sec-Butylbenzene	11.33	105	714666	53.86	ug/l	99
86) p-Isopropyltoluene	11.48	119	639253	53.79	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	324183	54.51	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	327532	54.72	ug/l	99
89) n-Butylbenzene	11.89	91	539444	51.13	ug/l	97
90) Hexachloroethane	12.15	117	111876	48.26	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	335171	56.27	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	61672	52.46	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	224166	60.94	ug/l	98
94) Hexachlorobutadiene	13.70	225	120260	58.09	ug/l	98
95) Naphthalene	13.74	128	695658	57.03	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	228886	62.45	ug/l	99

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

