

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024826.D
 Acq On : 21 Jun 2018 21:21
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 6/22/2018 4:02:21 PM

Quant Time: Jun 22 05:16:20 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	175675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	273266	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	260520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	159136	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	126404	44.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.14%	
35) Dibromofluoromethane	4.89	113	98797	43.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.12%	
50) Toluene-d8	7.57	98	362916	43.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.74%	
62) 4-Bromofluorobenzene	10.31	95	144513	44.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	98806	44.93	ug/l	99
3) Chloromethane	1.33	50	102274	45.53	ug/l	100
4) Vinyl Chloride	1.40	62	109725	47.36	ug/l	98
5) Bromomethane	1.62	94	67465	60.24	ug/l	99
6) Chloroethane	1.69	64	70461	54.52	ug/l	98
7) Trichlorofluoromethane	1.89	101	175849	49.74	ug/l	99
8) Diethyl Ether	2.10	74	65667	54.75	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	97124	44.28	ug/l	97
10) Methyl Iodide	2.41	142	99663	53.30	ug/l	98
11) Tert butyl alcohol	2.82	59	149544	214.40	ug/l	99
12) 1,1-Dichloroethene	2.28	96	92570	46.28	ug/l	93
13) Acrolein	2.19	56	68536	187.11	ug/l	99
14) Allyl chloride	2.59	41	178658m	48.10	ug/l	
15) Acrylonitrile	2.93	53	328539	242.09	ug/l	100
16) Acetone	2.32	43	288661	187.33	ug/l	98
17) Carbon Disulfide	2.48	76	262149	40.93	ug/l	99
18) Methyl Acetate	2.62	43	172227	52.14	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	364978	48.54	ug/l	97
20) Methylene Chloride	2.70	84	108286	44.79	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	100893	45.79	ug/l	95
22) Diisopropyl ether	3.57	45	359849	48.88	ug/l	95
23) Vinyl Acetate	3.53	43	1571703	238.31	ug/l	99
24) 1,1-Dichloroethane	3.45	63	202139	47.73	ug/l	99
25) 2-Butanone	4.26	43	479321	231.58	ug/l	97
26) 2,2-Dichloropropane	4.23	77	167611	41.68	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	122028	48.18	ug/l	98
28) Bromochloromethane	4.55	49	75220	40.32	ug/l	88
29) Tetrahydrofuran	4.63	42	306403	239.05	ug/l	97
30) Chloroform	4.68	83	214055	49.93	ug/l	100
31) Cyclohexane	5.00	56	183972	48.87	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	193450	48.80	ug/l	97
36) 1,1-Dichloropropene	5.14	75	150617	46.91	ug/l	97
37) Ethyl Acetate	4.38	43	178302	50.95	ug/l	97
38) Carbon Tetrachloride	5.14	117	173590	49.16	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	185052	46.18	ug/l	95
40) Benzene	5.39	78	444599	48.59	ug/l	99
41) Methacrylonitrile	4.54	41	100486	53.25	ug/l	98
42) 1,2-Dichloroethane	5.41	62	179090	51.39	ug/l	100
43) Isopropyl Acetate	5.55	43	289199	47.80	ug/l	99
44) Trichloroethene	6.19	130	123430	47.40	ug/l	94
45) 1,2-Dichloropropane	6.44	63	121927	49.94	ug/l	97
46) Dibromomethane	6.56	93	86181	50.26	ug/l	94
47) Bromodichloromethane	6.76	83	170171	49.83	ug/l	99
48) Methyl methacrylate	6.62	41	147289	50.00	ug/l	97
49) 1,4-Dioxane	6.61	88	65859	1143.20	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	947501	249.30	ug/l	98
52) Toluene	7.64	92	291402	49.50	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	186487	48.63	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	191438	46.85	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	120201	50.23	ug/l	99
56) Ethyl methacrylate	8.02	69	199277	49.76	ug/l	99
57) 1,3-Dichloropropane	8.25	76	205588	50.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	322204	209.99	ug/l	95
59) 2-Hexanone	8.36	43	753917	242.97	ug/l	100
60) Dibromochloromethane	8.48	129	143362	48.04	ug/l	100
61) 1,2-Dibromoethane	8.59	107	133515	50.13	ug/l	98
64) Tetrachloroethene	8.23	164	116741	47.14	ug/l	97
65) Chlorobenzene	9.12	112	336390	50.54	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	129252	51.12	ug/l	97
67) Ethyl Benzene	9.25	91	578316	49.57	ug/l	97
68) m/p-Xylenes	9.38	106	457473	102.11	ug/l	96
69) o-Xylene	9.78	106	225238	50.80	ug/l	97
70) Styrene	9.80	104	372220	51.08	ug/l	99
71) Bromoform	9.96	173	115067	47.88	ug/l #	100
73) Isopropylbenzene	10.17	105	610243	49.95	ug/l	99
74) N-amyl acetate	10.01	43	273910	47.13	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	206086	50.34	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	177312m	50.61	ug/l	
77) Bromobenzene	10.45	156	153235	49.54	ug/l	95
78) n-propylbenzene	10.59	91	691059	48.02	ug/l	97
79) 2-Chlorotoluene	10.66	91	422423	49.77	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	528143	49.87	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	64149m	42.38	ug/l	
82) 4-Chlorotoluene	10.78	91	486167	49.21	ug/l	99
83) tert-Butylbenzene	11.10	119	524810	51.52	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	540935	50.12	ug/l	100
85) sec-Butylbenzene	11.33	105	629420	49.36	ug/l	97
86) p-Isopropyltoluene	11.48	119	563428	49.34	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	285046	49.88	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	289239	50.29	ug/l	99
89) n-Butylbenzene	11.89	91	469251	46.28	ug/l	97
90) Hexachloroethane	12.15	117	101258	45.45	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	293176	51.22	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	55567	49.19	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	194859	55.13	ug/l	98
94) Hexachlorobutadiene	13.70	225	98720	49.62	ug/l	99
95) Naphthalene	13.74	128	650152	55.49	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	204315	58.01	ug/l	99

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

