

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025034.D
 Acq On : 28 Jun 2018 20:44
 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

MMDadoda
 6/29/2018 4:23:37 PM

Quant Time: Jun 29 07:40:18 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	194938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	304807	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	283762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	168826	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	136861	43.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.02%	
35) Dibromofluoromethane	4.89	113	112224	44.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.72%	
50) Toluene-d8	7.57	98	378939	41.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.14%	
62) 4-Bromofluorobenzene	10.31	95	157155	42.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	104114	42.67	ug/l	100
3) Chloromethane	1.33	50	111236	44.62	ug/l	99
4) Vinyl Chloride	1.40	62	119513	46.49	ug/l	99
5) Bromomethane	1.62	94	76334	61.42	ug/l	99
6) Chloroethane	1.69	64	77798	54.25	ug/l	99
7) Trichlorofluoromethane	1.89	101	194348	49.54	ug/l	99
8) Diethyl Ether	2.10	74	74972	56.39	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	114925	47.22	ug/l	97
10) Methyl Iodide	2.41	142	139183	65.71	ug/l	97
11) Tert butyl alcohol	2.82	59	190287	245.85	ug/l	99
12) 1,1-Dichloroethene	2.28	96	109596	49.38	ug/l	95
13) Acrolein	2.19	56	35936	88.42	ug/l	98
14) Allyl chloride	2.59	41	187749	45.56	ug/l	97
15) Acrylonitrile	2.94	53	390624	259.40	ug/l	99
16) Acetone	2.32	43	364809	213.35	ug/l	97
17) Carbon Disulfide	2.48	76	308936	43.47	ug/l	99
18) Methyl Acetate	2.62	43	224700	61.30	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	437440	52.43	ug/l	96
20) Methylene Chloride	2.70	84	129420	48.24	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	120930	49.47	ug/l	97
22) Diisopropyl ether	3.57	45	414950	50.79	ug/l	97
23) Vinyl Acetate	3.53	43	1758521	240.28	ug/l	98
24) 1,1-Dichloroethane	3.45	63	237778	50.59	ug/l	98
25) 2-Butanone	4.26	43	567103	246.91	ug/l	96
26) 2,2-Dichloropropane	4.23	77	180501	40.45	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	143606	51.09	ug/l	98
28) Bromochloromethane	4.55	49	88215	42.61	ug/l #	81
29) Tetrahydrofuran	4.63	42	366010	257.33	ug/l	97
30) Chloroform	4.68	83	247662	52.06	ug/l	100
31) Cyclohexane	5.00	56	211117	50.61	ug/l	92
32) 1,1,1-Trichloroethane	4.92	97	226636	51.52	ug/l	95
36) 1,1-Dichloropropene	5.14	75	176587	49.30	ug/l	97
37) Ethyl Acetate	4.38	43	207748	53.22	ug/l	97
38) Carbon Tetrachloride	5.14	117	203206	51.59	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	217705	48.71	ug/l	95
40) Benzene	5.39	78	521269	51.08	ug/l	100
41) Methacrylonitrile	4.54	41	116270	55.24	ug/l	99
42) 1,2-Dichloroethane	5.41	62	209248	53.83	ug/l	100
43) Isopropyl Acetate	5.55	43	332325	49.25	ug/l	98
44) Trichloroethene	6.19	130	144937	49.90	ug/l	95
45) 1,2-Dichloropropane	6.44	63	137328	50.43	ug/l	100
46) Dibromomethane	6.56	93	101154	52.88	ug/l	95
47) Bromodichloromethane	6.76	83	189368	49.72	ug/l	99
48) Methyl methacrylate	6.63	41	171179	52.10	ug/l	99
49) 1,4-Dioxane	6.62	88	74316	1156.51	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	1075741	253.75	ug/l	97
52) Toluene	7.64	92	332550	50.65	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	203996	47.69	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	216250	47.45	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	138816	52.01	ug/l	98
56) Ethyl methacrylate	8.02	69	221506	49.58	ug/l	99
57) 1,3-Dichloropropane	8.25	76	233114	51.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	50022	29.23	ug/l	95
59) 2-Hexanone	8.36	43	853279	246.54	ug/l	98
60) Dibromochloromethane	8.48	129	158601	47.65	ug/l	100
61) 1,2-Dibromoethane	8.59	107	153591	51.70	ug/l	98
64) Tetrachloroethene	8.23	164	143307	53.13	ug/l	96
65) Chlorobenzene	9.12	112	383369	52.89	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	141084	51.23	ug/l	97
67) Ethyl Benzene	9.25	91	660576	51.98	ug/l	97
68) m/p-Xylenes	9.38	106	516543	105.85	ug/l	97
69) o-Xylene	9.78	106	253139	52.42	ug/l	97
70) Styrene	9.80	104	415495	52.35	ug/l	99
71) Bromoform	9.96	173	125513	47.95	ug/l #	100
73) Isopropylbenzene	10.17	105	690309	53.26	ug/l	100
74) N-amyl acetate	10.01	43	300374	48.72	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	229756	52.90	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	210178m	56.55	ug/l	
77) Bromobenzene	10.45	156	178985	54.54	ug/l	93
78) n-propylbenzene	10.59	91	776979	50.89	ug/l	97
79) 2-Chlorotoluene	10.66	91	468008	51.98	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	592890	52.77	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	72662m	45.24	ug/l	
82) 4-Chlorotoluene	10.78	91	541653	51.68	ug/l	99
83) tert-Butylbenzene	11.10	119	583774	54.02	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	602309	52.61	ug/l	100
85) sec-Butylbenzene	11.33	105	707483	52.30	ug/l	98
86) p-Isopropyltoluene	11.48	119	622389	51.37	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	318558	52.55	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	320874	52.59	ug/l	99
89) n-Butylbenzene	11.89	91	507554	47.19	ug/l	96
90) Hexachloroethane	12.15	117	108933	46.09	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	330981	54.51	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	61727	51.50	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	213806	57.02	ug/l	97
94) Hexachlorobutadiene	13.70	225	111207	52.69	ug/l	99
95) Naphthalene	13.74	128	728007	58.53	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	222461	59.54	ug/l	99

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

