

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025079.D
 Acq On : 30 Jun 2018 11:22
 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
 7/2/2018 4:16:50 PM

Quant Time: Jul 02 06:26:44 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	180162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	266020	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	252314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	156844	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	131129	44.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.16%	
35) Dibromofluoromethane	4.89	113	108479	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	7.57	98	356312	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	
62) 4-Bromofluorobenzene	10.31	95	152787	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	96234	42.67	ug/l	98
3) Chloromethane	1.33	50	96898	42.06	ug/l	99
4) Vinyl Chloride	1.40	62	107197	45.12	ug/l	99
5) Bromomethane	1.62	94	68792	59.89	ug/l	100
6) Chloroethane	1.69	64	68694	51.78	ug/l	100
7) Trichlorofluoromethane	1.89	101	180927	49.90	ug/l	98
8) Diethyl Ether	2.10	74	68742	55.93	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.29	101	111908	49.75	ug/l	98
10) Methyl Iodide	2.41	142	108068	56.05	ug/l	97
11) Tert butyl alcohol	2.82	59	163348	228.36	ug/l	100
12) 1,1-Dichloroethene	2.28	96	98868	48.20	ug/l	98
13) Acrolein	2.19	56	58151	154.81	ug/l	99
14) Allyl chloride	2.59	41	195033	51.20	ug/l	92
15) Acrylonitrile	2.93	53	325655	233.99	ug/l	99
16) Acetone	2.32	43	392691	248.49	ug/l	98
17) Carbon Disulfide	2.48	76	279872	42.61	ug/l	99
18) Methyl Acetate	2.62	43	186496	55.05	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	395501	51.29	ug/l	96
20) Methylene Chloride	2.70	84	118555	47.81	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	110893	49.08	ug/l	98
22) Diisopropyl ether	3.57	45	378382	50.11	ug/l	94
23) Vinyl Acetate	3.53	43	1587975	234.78	ug/l	99
24) 1,1-Dichloroethane	3.45	63	217014	49.96	ug/l	99
25) 2-Butanone	4.26	43	509277	239.92	ug/l	98
26) 2,2-Dichloropropane	4.23	77	210812	51.11	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	131849	50.76	ug/l	100
28) Bromochloromethane	4.55	49	84619	44.23	ug/l	86
29) Tetrahydrofuran	4.63	42	299752	228.03	ug/l	96
30) Chloroform	4.68	83	230822	52.50	ug/l	100
31) Cyclohexane	5.00	56	196046	50.86	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	211324	51.98	ug/l	96
36) 1,1-Dichloropropene	5.14	75	167745	53.66	ug/l	98
37) Ethyl Acetate	4.38	43	174248	51.14	ug/l	97
38) Carbon Tetrachloride	5.14	117	188296	54.78	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	210786	54.03	ug/l	96
40) Benzene	5.39	78	481092	54.01	ug/l	100
41) Methacrylonitrile	4.54	41	98269	53.50	ug/l	98
42) 1,2-Dichloroethane	5.41	62	196190	57.83	ug/l	100
43) Isopropyl Acetate	5.55	43	287871	48.88	ug/l	99
44) Trichloroethene	6.19	130	136197	53.73	ug/l	95
45) 1,2-Dichloropropane	6.44	63	127570	53.68	ug/l	98
46) Dibromomethane	6.56	93	91130	54.59	ug/l	95
47) Bromodichloromethane	6.76	83	179660	54.05	ug/l	99
48) Methyl methacrylate	6.62	41	150749	52.57	ug/l	99
49) 1,4-Dioxane	6.62	88	71173	1269.10	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	915285	247.38	ug/l	98
52) Toluene	7.64	92	314075	54.81	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	196497	52.64	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	203894	51.26	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	125597	53.92	ug/l	98
56) Ethyl methacrylate	8.02	69	195248	50.08	ug/l	99
57) 1,3-Dichloropropane	8.25	76	215332	54.80	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	337925	226.24	ug/l	95
59) 2-Hexanone	8.36	43	750169	248.35	ug/l	99
60) Dibromochloromethane	8.48	129	145526	50.10	ug/l	99
61) 1,2-Dibromoethane	8.59	107	138807	53.54	ug/l	99
64) Tetrachloroethene	8.23	164	130474	54.40	ug/l	98
65) Chlorobenzene	9.12	112	354701	55.03	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	133411	54.48	ug/l	98
67) Ethyl Benzene	9.25	91	615140	54.44	ug/l	98
68) m/p-Xylenes	9.38	106	483339	111.39	ug/l	98
69) o-Xylene	9.78	106	238248	55.48	ug/l	96
70) Styrene	9.80	104	381584	54.07	ug/l	99
71) Bromoform	9.96	173	114596	49.23	ug/l #	99
73) Isopropylbenzene	10.17	105	649104	53.90	ug/l	100
74) N-amyl acetate	10.01	43	264041	46.10	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	204574	50.70	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	188300m	54.53	ug/l	
77) Bromobenzene	10.45	156	163569	53.65	ug/l	95
78) n-propylbenzene	10.59	91	755923	53.29	ug/l	98
79) 2-Chlorotoluene	10.66	91	443394	53.00	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	567449	54.37	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	71921m	48.20	ug/l	
82) 4-Chlorotoluene	10.78	91	520472	53.46	ug/l	100
83) tert-Butylbenzene	11.10	119	555253	55.31	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	578056	54.35	ug/l	100
85) sec-Butylbenzene	11.33	105	676996	53.87	ug/l	97
86) p-Isopropyltoluene	11.48	119	611617	54.34	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	306383	54.40	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	305926	53.97	ug/l	99
89) n-Butylbenzene	11.89	91	513256	51.36	ug/l	97
90) Hexachloroethane	12.15	117	104783	47.72	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	314393	55.73	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	53373	47.94	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	212899	61.11	ug/l	99
94) Hexachlorobutadiene	13.70	225	113904	58.09	ug/l	100
95) Naphthalene	13.74	128	638949	55.33	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	215571	62.10	ug/l	99

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

