

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070918\
 Data File : VU025274.D
 Acq On : 09 Jul 2018 15:22
 Operator : MD/SY
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 2:33:17 PM

Quant Time: Jul 10 01:43:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 01:16:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	177548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	263621	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	250450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149713	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	133360	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	4.89	113	108114	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	7.57	98	369796	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	10.31	95	152276	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	79159	43.08	ug/l	100
3) Chloromethane	1.33	50	81182	39.04	ug/l	100
4) Vinyl Chloride	1.40	62	86663	42.92	ug/l	100
5) Bromomethane	1.62	94	53330	36.15	ug/l	100
6) Chloroethane	1.69	64	57057	40.55	ug/l	100
7) Trichlorofluoromethane	1.89	101	137422	43.31	ug/l	100
8) Diethyl Ether	2.10	74	51440	43.20	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.29	101	84141	42.79	ug/l	100
10) Methyl Iodide	2.41	142	89775	47.24	ug/l	100
11) Tert butyl alcohol	2.82	59	128854	190.58	ug/l	100
12) 1,1-Dichloroethene	2.28	96	75382	41.88	ug/l	100
13) Acrolein	2.19	56	109858	261.65	ug/l	100
14) Allyl chloride	2.59	41	131416	40.26	ug/l	100
15) Acrylonitrile	2.93	53	262603	212.26	ug/l	100
16) Acetone	2.32	43	286179	192.13	ug/l	100
17) Carbon Disulfide	2.48	76	222610	39.93	ug/l	100
18) Methyl Acetate	2.62	43	120455	42.65	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	294766	43.06	ug/l	100
20) Methylene Chloride	2.70	84	91836	37.52	ug/l	100
21) trans-1,2-Dichloroethene	2.99	96	86190	41.91	ug/l	100
22) Diisopropyl ether	3.57	45	287507	43.13	ug/l	100
23) Vinyl Acetate	3.53	43	1280762	219.03	ug/l	100
24) 1,1-Dichloroethane	3.45	63	166266	44.23	ug/l	100
25) 2-Butanone	4.26	43	401026	209.75	ug/l	100
26) 2,2-Dichloropropane	4.23	77	148044	40.96	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	100530	42.25	ug/l	100
28) Bromochloromethane	4.55	49	91170	50.22	ug/l	100
29) Tetrahydrofuran	4.63	42	244262	212.99	ug/l	100
30) Chloroform	4.68	83	176227	44.27	ug/l	100
31) Cyclohexane	5.00	56	149760	35.86	ug/l	100
32) 1,1,1-Trichloroethane	4.92	97	159871	44.31	ug/l	100
36) 1,1-Dichloropropene	5.14	75	126678	43.22	ug/l	100
37) Ethyl Acetate	4.38	43	143335	43.85	ug/l	100
38) Carbon Tetrachloride	5.14	117	141903	44.98	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	158986	43.49	ug/l	100
40) Benzene	5.39	78	360116	42.64	ug/l	100
41) Methacrylonitrile	4.54	41	78729	43.44	ug/l	100
42) 1,2-Dichloroethane	5.41	62	146955	43.77	ug/l	100
43) Isopropyl Acetate	5.55	43	226087	43.19	ug/l	100
44) Trichloroethene	6.19	130	101947	42.04	ug/l	100
45) 1,2-Dichloropropane	6.44	63	96617	43.68	ug/l	100
46) Dibromomethane	6.56	93	69922	43.43	ug/l	100
47) Bromodichloromethane	6.76	83	134697	45.04	ug/l	100
48) Methyl methacrylate	6.62	41	114982	44.07	ug/l	100
49) 1,4-Dioxane	6.61	88	54370	865.95	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	724282	212.90	ug/l	100
52) Toluene	7.64	92	234119	43.57	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	145560	44.30	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	151572	43.34	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	95957	42.88	ug/l	100
56) Ethyl methacrylate	8.02	69	151898	43.46	ug/l	100
57) 1,3-Dichloropropane	8.25	76	162142	43.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	349216	283.13	ug/l	100
59) 2-Hexanone	8.36	43	577790	209.39	ug/l	100
60) Dibromochloromethane	8.48	129	109368	45.25	ug/l	100
61) 1,2-Dibromoethane	8.59	107	105476	44.05	ug/l	100
64) Tetrachloroethene	8.23	164	100892	44.19	ug/l	100
65) Chlorobenzene	9.12	112	266630	42.62	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	100571	44.94	ug/l	100
67) Ethyl Benzene	9.25	91	461230	43.24	ug/l	100
68) m/p-Xylenes	9.38	106	366416	88.86	ug/l	100
69) o-Xylene	9.78	106	181977	44.08	ug/l	100
70) Styrene	9.80	104	290811	44.35	ug/l	100
71) Bromoform	9.96	173	85627	44.24	ug/l #	100
73) Isopropylbenzene	10.17	105	484798	42.38	ug/l	100
74) N-amyl acetate	10.01	43	201879	40.65	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	157753	42.15	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	135197m	40.03	ug/l	
77) Bromobenzene	10.45	156	124722	42.62	ug/l	100
78) n-propylbenzene	10.59	91	552889	43.56	ug/l	100
79) 2-Chlorotoluene	10.66	91	330555	41.61	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	417608	43.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	51225m	41.64	ug/l	
82) 4-Chlorotoluene	10.78	91	380197	42.30	ug/l	100
83) tert-Butylbenzene	11.10	119	411954	42.35	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	427427	43.33	ug/l	100
85) sec-Butylbenzene	11.33	105	497243	43.42	ug/l	100
86) p-Isopropyltoluene	11.48	119	446300	44.01	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	224355	41.95	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	227080	41.34	ug/l	100
89) n-Butylbenzene	11.89	91	360973	43.30	ug/l	100
90) Hexachloroethane	12.15	117	76352	44.47	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	230314	42.64	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	39311	43.31	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	143814	40.64	ug/l	100
94) Hexachlorobutadiene	13.70	225	77234	39.98	ug/l	100
95) Naphthalene	13.74	128	453815	37.27	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	148925	39.02	ug/l	100

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

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