

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070918\
 Data File : VU025279.D
 Acq On : 09 Jul 2018 17:52
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICVVU070918

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 2:33:51 PM

Quant Time: Jul 10 10:40:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	192768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	287861	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	271709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	161352	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	131795	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	
35) Dibromofluoromethane	4.89	113	108369	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
50) Toluene-d8	7.57	98	363245	43.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.36%	
62) 4-Bromofluorobenzene	10.31	95	148638	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	89065	44.64	ug/l	97
3) Chloromethane	1.33	50	93441	47.04	ug/l	99
4) Vinyl Chloride	1.40	62	99609	45.44	ug/l	100
5) Bromomethane	1.61	94	65487	59.53	ug/l	99
6) Chloroethane	1.69	64	64642	46.39	ug/l	100
7) Trichlorofluoromethane	1.88	101	153881	44.66	ug/l	100
8) Diethyl Ether	2.10	74	59163	45.76	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	95771	44.86	ug/l	99
10) Methyl Iodide	2.41	142	99137	42.80	ug/l	99
11) Tert butyl alcohol	2.82	59	151439	231.79	ug/l	99
12) 1,1-Dichloroethene	2.28	96	89075	45.59	ug/l	97
13) Acrolein	2.19	56	106321	245.99	ug/l	100
14) Allyl chloride	2.59	41	152769	43.11	ug/l	99
15) Acrylonitrile	2.93	53	302546	225.24	ug/l	99
16) Acetone	2.32	43	349573	229.16	ug/l	98
17) Carbon Disulfide	2.48	76	252891	44.51	ug/l	99
18) Methyl Acetate	2.62	43	140746	45.90	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	347068	46.70	ug/l	99
20) Methylene Chloride	2.70	84	105371	45.54	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	97098	43.48	ug/l	97
22) Diisopropyl ether	3.57	45	330166	45.62	ug/l	98
23) Vinyl Acetate	3.53	43	1482574	233.53	ug/l	100
24) 1,1-Dichloroethane	3.45	63	188790	46.25	ug/l	99
25) 2-Butanone	4.26	43	467045	224.99	ug/l	100
26) 2,2-Dichloropropane	4.23	77	175971	44.84	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	114336	44.25	ug/l	99
28) Bromochloromethane	4.55	49	89688	45.51	ug/l	100
29) Tetrahydrofuran	4.64	42	278757	223.88	ug/l	99
30) Chloroform	4.68	83	197545	45.70	ug/l	99
31) Cyclohexane	5.00	56	167121	44.27	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	180981	46.20	ug/l	98
36) 1,1-Dichloropropene	5.14	75	143174	44.74	ug/l	99
37) Ethyl Acetate	4.38	43	165533	46.38	ug/l	100
38) Carbon Tetrachloride	5.14	117	162439	47.16	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	175174	43.88	ug/l	98
40) Benzene	5.39	78	417059	45.22	ug/l	97
41) Methacrylonitrile	4.55	41	89980	45.47	ug/l	99
42) 1,2-Dichloroethane	5.41	62	167506	45.69	ug/l	99
43) Isopropyl Acetate	5.55	43	259516	45.41	ug/l	99
44) Trichloroethene	6.19	130	118210	44.64	ug/l	97
45) 1,2-Dichloropropane	6.44	63	109833	45.47	ug/l	99
46) Dibromomethane	6.56	93	79319	45.12	ug/l	99
47) Bromodichloromethane	6.76	83	152408	46.67	ug/l	97
48) Methyl methacrylate	6.63	41	133013	46.68	ug/l	99
49) 1,4-Dioxane	6.61	88	63834	931.08	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	837913	225.56	ug/l	100
52) Toluene	7.64	92	271533	46.28	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	165344	46.08	ug/l	96
54) cis-1,3-Dichloropropene	7.27	75	176892	46.32	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	111383	45.58	ug/l	99
56) Ethyl methacrylate	8.02	69	173957	45.58	ug/l	99
57) 1,3-Dichloropropane	8.25	76	185049	45.62	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	336275	196.05	ug/l	100
59) 2-Hexanone	8.36	43	673650	223.57	ug/l	99
60) Dibromochloromethane	8.48	129	125816	47.67	ug/l	99
61) 1,2-Dibromoethane	8.59	107	120489	46.08	ug/l	100
64) Tetrachloroethene	8.23	164	111229	44.91	ug/l	100
65) Chlorobenzene	9.12	112	306833	45.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	113744	46.85	ug/l	98
67) Ethyl Benzene	9.25	91	525107	45.38	ug/l	100
68) m/p-Xylenes	9.38	106	410518	91.76	ug/l	99
69) o-Xylene	9.78	106	204967	45.76	ug/l	98
70) Styrene	9.80	104	332484	46.73	ug/l	99
71) Bromoform	9.96	173	99117	42.94	ug/l #	100
73) Isopropylbenzene	10.17	105	548175	44.47	ug/l	99
74) N-amyl acetate	10.01	43	233567	46.38	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	181077	44.90	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	157537m	47.33	ug/l	
77) Bromobenzene	10.45	156	142324	45.13	ug/l	99
78) n-propylbenzene	10.59	91	619788	45.31	ug/l	100
79) 2-Chlorotoluene	10.66	91	370478	47.17	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	468072	45.12	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	58379m	45.41	ug/l	
82) 4-Chlorotoluene	10.78	91	425013	43.88	ug/l	100
83) tert-Butylbenzene	11.10	119	466783	44.53	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	474700	44.65	ug/l	99
85) sec-Butylbenzene	11.33	105	558703	45.27	ug/l	100
86) p-Isopropyltoluene	11.48	119	498188	45.58	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	251924	43.71	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	255406	45.50	ug/l	100
89) n-Butylbenzene	11.89	91	397334	44.23	ug/l	99
90) Hexachloroethane	12.15	117	84898	45.88	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	258596	44.42	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	44798	45.79	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	161608	42.02	ug/l	99
94) Hexachlorobutadiene	13.70	225	89066	42.78	ug/l	97
95) Naphthalene	13.74	128	533521	45.27	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	168812	43.03	ug/l	99

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

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