

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100618\
 Data File : VU027458.D
 Acq On : 05 Oct 2018 17:13
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 2:05:17 PM

Quant Time: Oct 06 00:46:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	125748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	217317	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	201352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	105783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	87168	41.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.02%	
35) Dibromofluoromethane	4.88	113	63730	42.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.58%	
50) Toluene-d8	7.57	98	243506	43.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.38%	
62) 4-Bromofluorobenzene	10.31	95	91677	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	87388	48.203	ug/l	99
3) Chloromethane	1.33	50	109579	44.645	ug/l	100
4) Vinyl Chloride	1.40	62	108508	47.029	ug/l	100
5) Bromomethane	1.61	94	68048	68.160	ug/l	100
6) Chloroethane	1.69	64	61109	44.077	ug/l	99
7) Trichlorofluoromethane	1.88	101	108897	46.517	ug/l	100
8) Diethyl Ether	2.10	74	49347	45.760	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	67219	49.442	ug/l	98
10) Methyl Iodide	2.41	142	62905	52.397	ug/l	100
11) Tert butyl alcohol	2.83	59	110456	249.800	ug/l	99
12) 1,1-Dichloroethene	2.28	96	63923	48.125	ug/l	97
13) Acrolein	2.20	56	83197	224.231	ug/l	98
14) Allyl chloride	2.59	41	148858	47.194	ug/l	99
15) Acrylonitrile	2.94	53	294280	255.702	ug/l	99
16) Acetone	2.32	43	299115	241.132	ug/l	98
17) Carbon Disulfide	2.48	76	205362	42.868	ug/l	100
18) Methyl Acetate	2.62	43	154740	54.682	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	259396	48.739	ug/l	98
20) Methylene Chloride	2.70	84	82488	47.739	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	71493	47.941	ug/l	99
22) Diisopropyl ether	3.58	45	313363	48.879	ug/l	99
23) Vinyl Acetate	3.53	43	1364622	243.737	ug/l	100
24) 1,1-Dichloroethane	3.45	63	159608	48.429	ug/l	99
25) 2-Butanone	4.26	43	437127	258.415	ug/l	99
26) 2,2-Dichloropropane	4.23	77	124793	46.082	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	82412	48.325	ug/l	99
28) Bromochloromethane	4.55	49	78007	49.059	ug/l	99
29) Tetrahydrofuran	4.64	42	272966	256.054	ug/l	99
30) Chloroform	4.67	83	143247	48.921	ug/l	99
31) Cyclohexane	5.00	56	146468	43.461	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	120640	48.919	ug/l	99
36) 1,1-Dichloropropene	5.14	75	111666	47.325	ug/l	99
37) Ethyl Acetate	4.38	43	151991	49.841	ug/l	99
38) Carbon Tetrachloride	5.13	117	99949	46.893	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	132170	47.918	ug/l	97
40) Benzene	5.39	78	328821	47.841	ug/l	98
41) Methacrylonitrile	4.54	41	85584	49.653	ug/l	99
42) 1,2-Dichloroethane	5.40	62	123071	48.239	ug/l	99
43) Isopropyl Acetate	5.55	43	237400	50.124	ug/l	99
44) Trichloroethene	6.19	130	75586	49.319	ug/l	96
45) 1,2-Dichloropropane	6.43	63	96676	48.766	ug/l	97
46) Dibromomethane	6.56	93	56201	50.195	ug/l	99
47) Bromodichloromethane	6.76	83	111759	48.104	ug/l	100
48) Methyl methacrylate	6.62	41	119047	50.545	ug/l	99
49) 1,4-Dioxane	6.61	88	42244	1042.442	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	782556	254.271	ug/l	99
52) Toluene	7.64	92	197724	48.603	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	135770	49.842	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	142602	48.697	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	79965	49.576	ug/l	99
56) Ethyl methacrylate	8.02	69	139796	45.474	ug/l	98
57) 1,3-Dichloropropane	8.24	76	151148	48.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	391123	231.219	ug/l	99
59) 2-Hexanone	8.36	43	620255	259.803	ug/l	99
60) Dibromochloromethane	8.48	129	80439	49.724	ug/l	99
61) 1,2-Dibromoethane	8.59	107	83435	48.652	ug/l	99
64) Tetrachloroethene	8.23	164	62239	49.654	ug/l	98
65) Chlorobenzene	9.12	112	208714	49.245	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	73331	50.119	ug/l	97
67) Ethyl Benzene	9.25	91	376568	50.148	ug/l	100
68) m/p-Xylenes	9.38	106	280442	102.101	ug/l	99
69) o-Xylene	9.78	106	133448	51.126	ug/l	100
70) Styrene	9.79	104	228796	47.036	ug/l	99
71) Bromoform	9.96	173	60352	51.268	ug/l #	99
73) Isopropylbenzene	10.17	105	363241	47.279	ug/l	99
74) N-amyl acetate	10.01	43	210413	47.840	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	139291	46.173	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	130696m	47.662	ug/l	
77) Bromobenzene	10.45	156	85724	48.010	ug/l	97
78) n-propylbenzene	10.59	91	452518	49.017	ug/l	99
79) 2-Chlorotoluene	10.66	91	261159	46.852	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	311156	49.745	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	50853m	48.534	ug/l	
82) 4-Chlorotoluene	10.77	91	310657	49.111	ug/l	98
83) tert-Butylbenzene	11.10	119	292490	48.370	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	315117	49.318	ug/l	99
85) sec-Butylbenzene	11.32	105	381739	50.104	ug/l	100
86) p-Isopropyltoluene	11.48	119	331657	50.841	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	163844	48.461	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	168186	48.680	ug/l	100
89) n-Butylbenzene	11.89	91	330170	47.785	ug/l	100
90) Hexachloroethane	12.15	117	56990	46.348	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	160203	48.679	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	32330	48.356	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	119400	56.070	ug/l	100
94) Hexachlorobutadiene	13.69	225	55266	51.367	ug/l	98
95) Naphthalene	13.74	128	388890	48.672	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	119579	53.900	ug/l	99

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

