

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100218\
 Data File : VU027335.D
 Acq On : 02 Oct 2018 09:17
 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

MMDadoda
 10/3/2018 6:14:43 PM

Quant Time: Oct 03 02:08:04 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	4.98	168	108388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	182499	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	172596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	87646	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	83062	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	
35) Dibromofluoromethane	4.88	113	59379	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
50) Toluene-d8	7.57	98	230175	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	10.31	95	83495	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	83746	53.593	ug/l	100
3) Chloromethane	1.33	50	104661	49.471	ug/l	100
4) Vinyl Chloride	1.40	62	98493	49.526	ug/l	100
5) Bromomethane	1.62	94	36662	42.604	ug/l	99
6) Chloroethane	1.69	64	55418	46.374	ug/l	98
7) Trichlorofluoromethane	1.88	101	105505	52.286	ug/l	97
8) Diethyl Ether	2.10	74	45576	49.032	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	59509	50.782	ug/l	99
10) Methyl Iodide	2.41	142	40634	41.354	ug/l	98
11) Tert butyl alcohol	2.83	59	89588	235.057	ug/l	98
12) 1,1-Dichloroethene	2.28	96	54826	47.887	ug/l	95
13) Acrolein	2.19	56	63277	197.858	ug/l	99
14) Allyl chloride	2.59	41	131980	48.544	ug/l	99
15) Acrylonitrile	2.93	53	246564	248.556	ug/l	99
16) Acetone	2.32	43	248003	231.949	ug/l	100
17) Carbon Disulfide	2.48	76	192253	46.559	ug/l	100
18) Methyl Acetate	2.61	43	119640	49.050	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	226962	49.475	ug/l	98
20) Methylene Chloride	2.70	84	70868	47.583	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	63140	49.121	ug/l	98
22) Diisopropyl ether	3.57	45	279327	50.549	ug/l	99
23) Vinyl Acetate	3.52	43	1224282	253.694	ug/l	100
24) 1,1-Dichloroethane	3.44	63	142036	49.999	ug/l	99
25) 2-Butanone	4.26	43	364668	250.108	ug/l	99
26) 2,2-Dichloropropane	4.23	77	114811	49.186	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	71559	48.681	ug/l	98
28) Bromochloromethane	4.55	49	69936	51.028	ug/l	100
29) Tetrahydrofuran	4.64	42	229367	249.617	ug/l	99
30) Chloroform	4.67	83	126554	50.142	ug/l	100
31) Cyclohexane	5.00	56	136205	46.908	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	106465	50.086	ug/l	99
36) 1,1-Dichloropropene	5.14	75	98504	49.711	ug/l	99
37) Ethyl Acetate	4.38	43	127861	49.928	ug/l	99
38) Carbon Tetrachloride	5.13	117	90028	50.297	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	116195	50.164	ug/l	98
40) Benzene	5.39	78	286981	49.720	ug/l	100
41) Methacrylonitrile	4.54	41	73180	50.557	ug/l	99
42) 1,2-Dichloroethane	5.40	62	109579	51.145	ug/l	100
43) Isopropyl Acetate	5.55	43	203779	51.234	ug/l	99
44) Trichloroethene	6.19	130	62874	48.852	ug/l	99
45) 1,2-Dichloropropane	6.43	63	83771	50.318	ug/l	96
46) Dibromomethane	6.56	93	49140	52.262	ug/l	98
47) Bromodichloromethane	6.76	83	98466	50.468	ug/l	99
48) Methyl methacrylate	6.62	41	102966	52.058	ug/l	98
49) 1,4-Dioxane	6.61	88	36787	1080.972	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	670128	259.282	ug/l	99
52) Toluene	7.64	92	173684	50.839	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	115883	50.658	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	123568	50.247	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	69105	51.017	ug/l	99
56) Ethyl methacrylate	8.02	69	117147	45.382	ug/l	99
57) 1,3-Dichloropropane	8.24	76	132277	50.304	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	343792	241.629	ug/l	100
59) 2-Hexanone	8.36	43	521333	260.029	ug/l	99
60) Dibromochloromethane	8.48	129	70280	51.732	ug/l	99
61) 1,2-Dibromoethane	8.59	107	72573	50.391	ug/l	100
64) Tetrachloroethene	8.23	164	53819	50.090	ug/l	99
65) Chlorobenzene	9.12	112	175996	48.444	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	63216	50.404	ug/l	99
67) Ethyl Benzene	9.25	91	323749	50.297	ug/l	99
68) m/p-Xylenes	9.38	106	242759	103.107	ug/l	100
69) o-Xylene	9.78	106	115953	51.825	ug/l	100
70) Styrene	9.79	104	193253	46.382	ug/l	99
71) Bromoform	9.96	173	50107	49.657	ug/l #	100
73) Isopropylbenzene	10.17	105	316158	49.667	ug/l	100
74) N-amyl acetate	10.02	43	182170	49.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	119380	47.761	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	108877m	47.921	ug/l	
77) Bromobenzene	10.45	156	71191	48.122	ug/l	99
78) n-propylbenzene	10.59	91	388521	50.793	ug/l	99
79) 2-Chlorotoluene	10.66	91	224103	48.524	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	265736	51.275	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	33352m	38.418	ug/l	
82) 4-Chlorotoluene	10.77	91	263251	50.229	ug/l	99
83) tert-Butylbenzene	11.10	119	250012	49.901	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	271289	51.245	ug/l	100
85) sec-Butylbenzene	11.32	105	323264	51.209	ug/l	98
86) p-Isopropyltoluene	11.48	119	279796	51.767	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	134969	48.181	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	137786	48.134	ug/l	99
89) n-Butylbenzene	11.89	91	263853	46.158	ug/l	100
90) Hexachloroethane	12.15	117	49965	49.043	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	131355	48.173	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27317	49.313	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	88139	49.955	ug/l	99
94) Hexachlorobutadiene	13.69	225	44086	49.455	ug/l	99
95) Naphthalene	13.74	128	294605	44.644	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	91518	49.788	ug/l	99

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

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