

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U111218\
 Data File : VU028079.D
 Acq On : 12 Nov 2018 20:58
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/13/2018 12:12:56 PM

Quant Time: Nov 13 04:06:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	159690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	275769	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	259805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	129601	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	137088	57.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.48%	
35) Dibromofluoromethane	4.88	113	98758	56.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.60%	
50) Toluene-d8	7.57	98	386682	57.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.14%	
62) 4-Bromofluorobenzene	10.31	95	146801	59.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.52%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	81622	40.225	ug/l 97
3) Chloromethane	1.33	50	128210	52.244	ug/l 100
4) Vinyl Chloride	1.40	62	120793	49.593	ug/l 98
5) Bromomethane	1.60	94	75870	70.172	ug/l 99
6) Chloroethane	1.68	64	73258	52.192	ug/l 97
7) Trichlorofluoromethane	1.88	101	145897	51.837	ug/l 96
8) Diethyl Ether	2.10	74	65792	54.593	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	87695	52.449	ug/l 98
10) Methyl Iodide	2.41	142	94766	59.896	ug/l 100
11) Tert butyl alcohol	2.84	59	175745	279.614	ug/l 100
12) 1,1-Dichloroethene	2.28	96	81577	48.743	ug/l 98
13) Acrolein	2.20	56	39501	168.642	ug/l 99
14) Allyl chloride	2.59	41	205449	50.227	ug/l 99
15) Acrylonitrile	2.94	53	424827	275.161	ug/l 99
16) Acetone	2.32	43	376581	255.649	ug/l 99
17) Carbon Disulfide	2.48	76	254513	46.525	ug/l 100
18) Methyl Acetate	2.62	43	231332	57.089	ug/l 99
19) Methyl tert-butyl Ether	3.00	73	356430	52.810	ug/l 97
20) Methylene Chloride	2.70	84	111800	51.982	ug/l 99
21) trans-1,2-Dichloroethene	2.98	96	94150	48.746	ug/l 95
22) Diisopropyl ether	3.58	45	458177	54.255	ug/l 98
23) Vinyl Acetate	3.52	43	1973178	271.872	ug/l 99
24) 1,1-Dichloroethane	3.45	63	217282	51.656	ug/l 100
25) 2-Butanone	4.26	43	633363	270.268	ug/l 100
26) 2,2-Dichloropropane	4.23	77	162404	51.448	ug/l 100
27) cis-1,2-Dichloroethene	4.23	96	113910	52.592	ug/l 98
28) Bromochloromethane	4.55	49	113821	57.720	ug/l 97
29) Tetrahydrofuran	4.64	42	413595	264.307	ug/l 100
30) Chloroform	4.68	83	199757	51.793	ug/l 100
31) Cyclohexane	5.00	56	208678	50.573	ug/l 98
32) 1,1,1-Trichloroethane	4.92	97	163892	53.383	ug/l 99
36) 1,1-Dichloropropene	5.14	75	148150	51.295	ug/l 98
37) Ethyl Acetate	4.38	43	227288	53.708	ug/l 100
38) Carbon Tetrachloride	5.14	117	133994	52.350	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	181441	52.085	ug/l	99
40) Benzene	5.39	78	465766	52.746	ug/l	99
41) Methacrylonitrile	4.54	41	127351	56.389	ug/l	99
42) 1,2-Dichloroethane	5.41	62	165548	52.742	ug/l	98
43) Isopropyl Acetate	5.55	43	358861	54.126	ug/l	100
44) Trichloroethene	6.19	130	99999	52.683	ug/l	95
45) 1,2-Dichloropropane	6.43	63	137052	53.817	ug/l	99
46) Dibromomethane	6.56	93	79311	54.181	ug/l	95
47) Bromodichloromethane	6.76	83	155838	55.243	ug/l	98
48) Methyl methacrylate	6.62	41	183204	56.387	ug/l	98
49) 1,4-Dioxane	6.61	88	68332	1289.083	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	1224811	276.618	ug/l	99
52) Toluene	7.64	92	273096	52.606	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	178186	50.915	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	194389	55.898	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	115290	54.586	ug/l	98
56) Ethyl methacrylate	8.02	69	207662	55.754	ug/l	98
57) 1,3-Dichloropropane	8.24	76	208069	54.081	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	559988	280.722	ug/l	98
59) 2-Hexanone	8.36	43	962503	281.055	ug/l	100
60) Dibromochloromethane	8.48	129	111238	55.658	ug/l	98
61) 1,2-Dibromoethane	8.59	107	122251	54.474	ug/l	99
64) Tetrachloroethene	8.23	164	87446	51.908	ug/l	97
65) Chlorobenzene	9.12	112	286008	52.106	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	100949	53.844	ug/l	99
67) Ethyl Benzene	9.25	91	537153	53.166	ug/l	100
68) m/p-Xylenes	9.38	106	392738	107.132	ug/l	99
69) o-Xylene	9.78	106	196914	53.194	ug/l	99
70) Styrene	9.79	104	322514	54.526	ug/l	99
71) Bromoform	9.96	173	85754	54.577	ug/l #	100
73) Isopropylbenzene	10.17	105	522927	52.084	ug/l	100
74) N-amyl acetate	10.01	43	339082	55.852	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	216311	53.412	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	181493m	51.197	ug/l	
77) Bromobenzene	10.45	156	121779	52.897	ug/l	98
78) n-propylbenzene	10.59	91	640441	53.291	ug/l	100
79) 2-Chlorotoluene	10.66	91	378093	52.487	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	440518	52.965	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	71941m	50.666	ug/l	
82) 4-Chlorotoluene	10.77	91	431017	52.704	ug/l	99
83) tert-Butylbenzene	11.10	119	426567	51.303	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	453953	54.204	ug/l	100
85) sec-Butylbenzene	11.32	105	541037	53.505	ug/l	100
86) p-Isopropyltoluene	11.48	119	453941	53.699	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	220220	51.782	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	220753	50.643	ug/l	100
89) n-Butylbenzene	11.89	91	426057	53.033	ug/l	100
90) Hexachloroethane	12.15	117	81816	54.362	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	228307	53.383	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	48387	56.702	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	140832	46.996	ug/l	99
94) Hexachlorobutadiene	13.69	225	68729	50.564	ug/l	99
95) Naphthalene	13.74	128	524913	49.374	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	146965	51.211	ug/l	99

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

