

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024581.D
 Acq On : 15 Jun 2018 07:54
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 6/15/2018 3:29:28 PM

Quant Time: Jun 15 08:42:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	164212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	264193	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	254216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	156160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	122630	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
35) Dibromofluoromethane	4.89	113	108111	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	7.57	98	395698	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	10.31	95	155622	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.21	85	87688	42.662	ug/l	100
3) Chloromethane	1.33	50	93980	44.754	ug/l	100
4) Vinyl Chloride	1.40	62	105119	48.540	ug/l	99
5) Bromomethane	1.63	94	55655	53.162	ug/l	97
6) Chloroethane	1.70	64	65312	54.057	ug/l	98
7) Trichlorofluoromethane	1.89	101	158387	47.925	ug/l	97
8) Diethyl Ether	2.10	74	59468	52.986	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	89970	43.880	ug/l	97
10) Methyl Iodide	2.41	142	66668	39.646	ug/l	98
11) Tert butyl alcohol	2.82	59	121532	186.401	ug/l	99
12) 1,1-Dichloroethene	2.29	96	87158	46.614	ug/l	90
13) Acrolein	2.19	56	67164	196.169	ug/l	99
14) Allyl chloride	2.60	41	139404	40.154	ug/l	95
15) Acrylonitrile	2.94	53	301646	237.792	ug/l	99
16) Acetone	2.32	43	242644	168.457	ug/l	96
17) Carbon Disulfide	2.48	76	272614	45.533	ug/l	99
18) Methyl Acetate	2.62	43	147965	47.918	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	324244	46.133	ug/l	98
20) Methylene Chloride	2.71	84	101349	44.843	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	97863	47.520	ug/l	94
22) Diisopropyl ether	3.57	45	322022	46.791	ug/l	96
23) Vinyl Acetate	3.53	43	1415659	229.629	ug/l	98
24) 1,1-Dichloroethane	3.45	63	182715	46.151	ug/l	99
25) 2-Butanone	4.26	43	425468	219.907	ug/l	95
26) 2,2-Dichloropropane	4.24	77	98315	26.152	ug/l	94
27) cis-1,2-Dichloroethene	4.23	96	112712	47.606	ug/l	92
28) Bromochloromethane	4.55	49	89293	51.205	ug/l	85
29) Tetrahydrofuran	4.64	42	282970	236.175	ug/l	97
30) Chloroform	4.68	83	185755	46.355	ug/l	100
31) Cyclohexane	5.00	56	168738	47.912	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	169296	45.686	ug/l	96
36) 1,1-Dichloropropene	5.14	75	138292	44.546	ug/l	96
37) Ethyl Acetate	4.38	43	164406	48.588	ug/l #	96
38) Carbon Tetrachloride	5.14	117	154354	45.214	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	166253	42.914	ug/l	96
40) Benzene	5.39	78	415400	46.959	ug/l	100
41) Methacrylonitrile	4.54	41	88710	48.626	ug/l	96
42) 1,2-Dichloroethane	5.41	62	148493	44.075	ug/l	98
43) Isopropyl Acetate	5.55	43	266495	45.564	ug/l	98
44) Trichloroethene	6.19	130	117719	46.759	ug/l	93
45) 1,2-Dichloropropane	6.44	63	112798	47.789	ug/l	98
46) Dibromomethane	6.56	93	79187	47.763	ug/l	93
47) Bromodichloromethane	6.76	83	152371	46.153	ug/l	99
48) Methyl methacrylate	6.63	41	128840	45.239	ug/l	97
49) 1,4-Dioxane	6.61	88	44447	798.022	ug/l	93
51) 4-Methyl-2-Pentanone	7.46	43	869748	236.698	ug/l	98
52) Toluene	7.64	92	266460	46.819	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	159283	42.962	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	167675	42.443	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	107573	46.500	ug/l	98
56) Ethyl methacrylate	8.02	69	183693	47.441	ug/l	97
57) 1,3-Dichloropropane	8.25	76	186682	47.836	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	354196	238.771	ug/l	95
59) 2-Hexanone	8.36	43	675317	225.114	ug/l	99
60) Dibromochloromethane	8.48	129	130728	45.315	ug/l	100
61) 1,2-Dibromoethane	8.59	107	121586	47.220	ug/l	98
64) Tetrachloroethene	8.23	164	120473	49.856	ug/l	98
65) Chlorobenzene	9.12	112	303739	46.770	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	113706	46.085	ug/l	97
67) Ethyl Benzene	9.25	91	524779	46.094	ug/l	97
68) m/p-Xylenes	9.38	106	406547	92.992	ug/l	96
69) o-Xylene	9.78	106	200796	46.409	ug/l	94
70) Styrene	9.80	104	331428	46.613	ug/l	99
71) Bromoform	9.96	173	109477	46.682	ug/l #	99
73) Isopropylbenzene	10.17	105	530445	44.243	ug/l	98
74) N-amyl acetate	10.01	43	250796	43.978	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	183686	45.720	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	152345m	44.311	ug/l	
77) Bromobenzene	10.45	156	141273	46.544	ug/l	94
78) n-propylbenzene	10.59	91	623658	44.158	ug/l	96
79) 2-Chlorotoluene	10.66	91	368648	44.262	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	457096	43.987	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.51	75	53662m	36.124	ug/l	
82) 4-Chlorotoluene	10.78	91	435991	44.976	ug/l	98
83) tert-Butylbenzene	11.10	119	437673	43.785	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	468836	44.271	ug/l	99
85) sec-Butylbenzene	11.33	105	551295	44.060	ug/l	97
86) p-Isopropyltoluene	11.48	119	491013	43.816	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	257863	45.984	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	258363	45.776	ug/l	99
89) n-Butylbenzene	11.89	91	439141	44.139	ug/l	97
90) Hexachloroethane	12.15	117	91248	41.741	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	254548	45.319	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	47471	42.821	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	180208	51.956	ug/l	99
94) Hexachlorobutadiene	13.70	225	86173	44.140	ug/l	100
95) Naphthalene	13.74	128	554175	48.286	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	182452	52.791	ug/l	99

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

