

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070718\
 Data File : VU025262.D
 Acq On : 07 Jul 2018 00:09
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:58:04 PM

Quant Time: Jul 07 01:06:57 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	158151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	241001	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	229784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	134590	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	99305	38.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	76.92%	
35) Dibromofluoromethane	4.89	113	82232	41.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.22%	
50) Toluene-d8	7.57	98	272250	37.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.64%	
62) 4-Bromofluorobenzene	10.31	95	109030	37.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	75.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	77890	39.347	ug/l	98
3) Chloromethane	1.33	50	79155	39.139	ug/l	99
4) Vinyl Chloride	1.40	62	85578	41.031	ug/l	95
5) Bromomethane	1.62	94	54276	53.832	ug/l	99
6) Chloroethane	1.69	64	56613	48.545	ug/l	97
7) Trichlorofluoromethane	1.88	101	137081	43.067	ug/l	100
8) Diethyl Ether	2.10	74	52544	48.450	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	85623	43.361	ug/l	97
10) Methyl Iodide	2.41	142	97876	57.662	ug/l	96
11) Tert butyl alcohol	2.82	59	135205	215.319	ug/l	100
12) 1,1-Dichloroethene	2.28	96	76864	42.684	ug/l	98
13) Acrolein	2.19	56	73425	222.674	ug/l	99
14) Allyl chloride	2.59	41	131023	39.186	ug/l	96
15) Acrylonitrile	2.93	53	283279	231.871	ug/l	99
16) Acetone	2.32	43	278119	200.486	ug/l	97
17) Carbon Disulfide	2.48	76	199809	34.652	ug/l	99
18) Methyl Acetate	2.62	43	138022	46.411	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	315272	46.575	ug/l	96
20) Methylene Chloride	2.70	84	97754	44.910	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	86167	43.445	ug/l	96
22) Diisopropyl ether	3.57	45	299274	45.152	ug/l	95
23) Vinyl Acetate	3.53	43	1306299	220.011	ug/l	98
24) 1,1-Dichloroethane	3.45	63	171328	44.933	ug/l	98
25) 2-Butanone	4.26	43	415294	222.874	ug/l	96
26) 2,2-Dichloropropane	4.23	77	126789	35.019	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	102685	45.033	ug/l	97
28) Bromochloromethane	4.55	49	81298	48.407	ug/l	85
29) Tetrahydrofuran	4.64	42	259108	224.547	ug/l	97
30) Chloroform	4.68	83	180117	46.670	ug/l	98
31) Cyclohexane	5.00	56	145929	42.813	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	164101	45.982	ug/l	96
36) 1,1-Dichloropropene	5.14	75	122097	43.114	ug/l	96
37) Ethyl Acetate	4.38	43	155712	50.447	ug/l	99
38) Carbon Tetrachloride	5.14	117	142172	45.653	ug/l	97

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39) Methylcyclohexane	6.42	83	147398	41.708	ug/l	93
40) Benzene	5.39	78	370868	45.959	ug/l	97
41) Methacrylonitrile	4.54	41	84229	50.613	ug/l	99
42) 1,2-Dichloroethane	5.41	62	151844	49.406	ug/l	100
43) Isopropyl Acetate	5.55	43	238520	44.705	ug/l	99
44) Trichloroethene	6.19	130	103660	45.137	ug/l	94
45) 1,2-Dichloropropane	6.44	63	100608	46.726	ug/l	96
46) Dibromomethane	6.56	93	70755	46.784	ug/l	93
47) Bromodichloromethane	6.76	83	135789	45.089	ug/l	98
48) Methyl methacrylate	6.62	41	120699	46.458	ug/l	99
49) 1,4-Dioxane	6.61	88	55841	1099.076	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	778538	232.264	ug/l	98
52) Toluene	7.64	92	237338	45.716	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	143100	42.312	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	150150	41.665	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	99784	47.283	ug/l	97
56) Ethyl methacrylate	8.02	69	159411	45.131	ug/l	100
57) 1,3-Dichloropropane	8.25	76	168204	47.249	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	283953	209.840	ug/l	95
59) 2-Hexanone	8.36	43	619727	226.463	ug/l	99
60) Dibromochloromethane	8.48	129	112488	42.745	ug/l	99
61) 1,2-Dibromoethane	8.59	107	108931	46.376	ug/l	99
64) Tetrachloroethene	8.23	164	102492	46.924	ug/l	99
65) Chlorobenzene	9.12	112	270408	46.065	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	102111	45.786	ug/l	98
67) Ethyl Benzene	9.25	91	467718	45.450	ug/l	98
68) m/p-Xylenes	9.38	106	362406	91.710	ug/l	97
69) o-Xylene	9.78	106	182087	46.560	ug/l	95
70) Styrene	9.80	104	291110	45.296	ug/l	99
71) Bromoform	9.96	173	87102	41.090	ug/l #	98
73) Isopropylbenzene	10.17	105	488122	47.238	ug/l	99
74) N-amyl acetate	10.01	43	208275	42.375	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	165382	47.761	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	144196m	48.663	ug/l	
77) Bromobenzene	10.45	156	124876	47.735	ug/l	94
78) n-propylbenzene	10.59	91	538695	44.255	ug/l	97
79) 2-Chlorotoluene	10.66	91	331974	46.247	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	415723	46.417	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	48913m	38.204	ug/l	
82) 4-Chlorotoluene	10.78	91	377840	45.224	ug/l	99
83) tert-Butylbenzene	11.10	119	412810	47.916	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	415948	45.572	ug/l	100
85) sec-Butylbenzene	11.33	105	494406	45.846	ug/l	97
86) p-Isopropyltoluene	11.48	119	434885	45.027	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	223516	46.247	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	222505	45.740	ug/l	99
89) n-Butylbenzene	11.89	91	340224	39.677	ug/l	97
90) Hexachloroethane	12.15	117	73687	39.110	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	232658	48.061	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	42086	44.048	ug/l	93

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93) 1,2,4-Trichlorobenzene	13.51	180	139918	46.805	ug/l	99
94) Hexachlorobutadiene	13.70	225	73771	43.844	ug/l	99
95) Naphthalene	13.74	128	487508	49.271	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	151004	50.694	ug/l	100

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

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