

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025879.D
 Acq On : 06 Aug 2018 11:53
 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
 8/7/2018 1:51:34 PM

Quant Time: Aug 07 03:58:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 00:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	166780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	239041	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	236647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	157110	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	129800	49.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.90%	
35) Dibromofluoromethane	4.89	113	106557	51.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.50%	
50) Toluene-d8	7.57	98	381668	52.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	10.31	95	145917	51.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	102326	40.59	ug/l	99
3) Chloromethane	1.33	50	101985	42.33	ug/l	99
4) Vinyl Chloride	1.40	62	107660	47.48	ug/l	99
5) Bromomethane	1.62	94	58697	53.00	ug/l	100
6) Chloroethane	1.69	64	67679	51.05	ug/l	100
7) Trichlorofluoromethane	1.88	101	163360	49.83	ug/l	100
8) Diethyl Ether	2.10	74	57386	48.38	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	102376	53.96	ug/l	98
10) Methyl Iodide	2.41	142	71558	42.08	ug/l	99
11) Tert butyl alcohol	2.83	59	133723	235.04	ug/l	100
12) 1,1-Dichloroethene	2.28	96	91624	51.17	ug/l	96
13) Acrolein	2.19	56	35451	171.42	ug/l	99
14) Allyl chloride	2.59	41	157021	48.79	ug/l	99
15) Acrylonitrile	2.93	53	294088	258.90	ug/l	98
16) Acetone	2.32	43	407896	321.96	ug/l	98
17) Carbon Disulfide	2.48	76	286026	49.35	ug/l	99
18) Methyl Acetate	2.62	43	144012	47.23	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	341759	52.66	ug/l	99
20) Methylene Chloride	2.70	84	112438	50.08	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	105343	50.89	ug/l	98
22) Diisopropyl ether	3.57	45	337623	53.24	ug/l	94
23) Vinyl Acetate	3.53	43	1457711	263.77	ug/l	99
24) 1,1-Dichloroethane	3.45	63	198921	52.26	ug/l	99
25) 2-Butanone	4.26	43	550595	319.25	ug/l	100
26) 2,2-Dichloropropane	4.23	77	186445	53.89	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	117378	50.29	ug/l	99
28) Bromochloromethane	4.55	49	88149	51.79	ug/l	96
29) Tetrahydrofuran	4.64	42	261968	253.54	ug/l	99
30) Chloroform	4.68	83	207893	51.74	ug/l	98
31) Cyclohexane	5.00	56	169447	51.20	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	187695	51.88	ug/l	98
36) 1,1-Dichloropropene	5.14	75	152032	54.42	ug/l	100
37) Ethyl Acetate	4.38	43	158488	54.71	ug/l	99
38) Carbon Tetrachloride	5.14	117	174891	55.27	ug/l	99

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39) Methylcyclohexane	6.42	83	173977	54.35	ug/l	99
40) Benzene	5.39	78	434273	53.18	ug/l	99
41) Methacrylonitrile	4.54	41	82968	51.57	ug/l	97
42) 1,2-Dichloroethane	5.41	62	170258	54.15	ug/l	100
43) Isopropyl Acetate	5.55	43	251372	52.52	ug/l	100
44) Trichloroethene	6.19	130	121893	53.60	ug/l	98
45) 1,2-Dichloropropane	6.44	63	115437	54.20	ug/l	99
46) Dibromomethane	6.56	93	82061	53.18	ug/l	98
47) Bromodichloromethane	6.76	83	164535	55.90	ug/l	98
48) Methyl methacrylate	6.63	41	125117	53.33	ug/l	99
49) 1,4-Dioxane	6.62	88	60017	1051.28	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	1000425	333.84	ug/l	99
52) Toluene	7.64	92	280639	55.32	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	187036	56.59	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	191556	56.42	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	115063	54.58	ug/l	99
56) Ethyl methacrylate	8.02	69	162209	53.85	ug/l	98
57) 1,3-Dichloropropane	8.25	76	193838	54.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	318939	234.28	ug/l	100
59) 2-Hexanone	8.36	43	797640	339.55	ug/l	99
60) Dibromochloromethane	8.48	129	137258	55.21	ug/l	99
61) 1,2-Dibromoethane	8.59	107	126782	54.07	ug/l	100
64) Tetrachloroethene	8.23	164	111917	53.73	ug/l	99
65) Chlorobenzene	9.12	112	319627	52.39	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	120703	54.69	ug/l	99
67) Ethyl Benzene	9.25	91	538904	53.32	ug/l	100
68) m/p-Xylenes	9.38	106	436385	112.47	ug/l	98
69) o-Xylene	9.78	106	203638	53.70	ug/l	97
70) Styrene	9.80	104	343673	56.11	ug/l	98
71) Bromoform	9.96	173	106629	55.71	ug/l #	98
73) Isopropylbenzene	10.17	105	556835	51.93	ug/l	100
74) N-amyl acetate	10.01	43	229216	52.36	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	187895	50.67	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	158704m	45.85	ug/l	
77) Bromobenzene	10.45	156	150560	50.90	ug/l	98
78) n-propylbenzene	10.59	91	667001	53.29	ug/l	100
79) 2-Chlorotoluene	10.66	91	392046	53.48	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	487981	53.58	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	64361m	46.62	ug/l	
82) 4-Chlorotoluene	10.78	91	465341	53.85	ug/l	99
83) tert-Butylbenzene	11.10	119	464365	51.32	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	498135	53.98	ug/l	98
85) sec-Butylbenzene	11.33	105	583437	52.81	ug/l	100
86) p-Isopropyltoluene	11.48	119	529879	53.57	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	284025	51.73	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	290649	50.79	ug/l	99
89) n-Butylbenzene	11.89	91	475813	52.13	ug/l	99
90) Hexachloroethane	12.15	117	92544	52.62	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	278170	51.69	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	44974	51.16	ug/l	98

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93) 1,2,4-Trichlorobenzene	13.51	180	188240	51.83	ug/l	98
94) Hexachlorobutadiene	13.70	225	90434	47.24	ug/l	100
95) Naphthalene	13.74	128	534602	45.93	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	185980	51.33	ug/l	99

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

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