

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U101018\
 Data File : VU027526.D
 Acq On : 09 Oct 2018 17:09
 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
 10/11/2018 9:01:16 AM

Quant Time: Oct 10 06:39:28 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	4.99	168	109759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	180965	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	169239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	88819	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	86592	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	4.88	113	61249	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	7.57	98	234511	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	10.31	95	86930	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	80537	50.895	ug/l	99
3) Chloromethane	1.33	50	97504	45.512	ug/l	99
4) Vinyl Chloride	1.40	62	96461	47.898	ug/l	99
5) Bromomethane	1.61	94	54416	62.446	ug/l	99
6) Chloroethane	1.69	64	56782	46.922	ug/l	97
7) Trichlorofluoromethane	1.88	101	100525	49.196	ug/l	100
8) Diethyl Ether	2.10	74	43529	46.245	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	59223	49.907	ug/l	99
10) Methyl Iodide	2.41	142	36161	37.351	ug/l	98
11) Tert butyl alcohol	2.83	59	96226	249.320	ug/l	99
12) 1,1-Dichloroethene	2.28	96	53615	46.244	ug/l	98
13) Acrolein	2.20	56	32764	101.169	ug/l	100
14) Allyl chloride	2.59	41	126873	46.083	ug/l	98
15) Acrylonitrile	2.94	53	248575	247.453	ug/l	100
16) Acetone	2.32	43	259456	239.630	ug/l	98
17) Carbon Disulfide	2.48	76	166191	39.745	ug/l	99
18) Methyl Acetate	2.62	43	137609	55.712	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	218197	46.970	ug/l	98
20) Methylene Chloride	2.70	84	66694	44.221	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	58069	44.612	ug/l	97
22) Diisopropyl ether	3.57	45	277137	49.526	ug/l	97
23) Vinyl Acetate	3.52	43	1186604	242.816	ug/l	99
24) 1,1-Dichloroethane	3.45	63	139376	48.450	ug/l	99
25) 2-Butanone	4.26	43	391277	265.006	ug/l	100
26) 2,2-Dichloropropane	4.23	77	114865	48.594	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	71168	47.811	ug/l	98
28) Bromochloromethane	4.55	49	73892	53.241	ug/l	100
29) Tetrahydrofuran	4.64	42	242734	260.864	ug/l	100
30) Chloroform	4.67	83	128814	50.400	ug/l	100
31) Cyclohexane	5.00	56	131594	44.743	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	106637	49.540	ug/l	98
36) 1,1-Dichloropropene	5.14	75	97973	49.862	ug/l	99
37) Ethyl Acetate	4.38	43	136309	53.678	ug/l	98
38) Carbon Tetrachloride	5.13	117	90988	51.264	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	112365	48.921	ug/l	99
40) Benzene	5.39	78	288278	50.368	ug/l	99
41) Methacrylonitrile	4.54	41	75988	52.942	ug/l	99
42) 1,2-Dichloroethane	5.40	62	111482	52.475	ug/l	99
43) Isopropyl Acetate	5.55	43	204425	51.832	ug/l	100
44) Trichloroethene	6.19	130	62048	48.619	ug/l	93
45) 1,2-Dichloropropane	6.43	63	85256	51.644	ug/l	96
46) Dibromomethane	6.56	93	48415	51.927	ug/l	99
47) Bromodichloromethane	6.76	83	100588	51.993	ug/l	99
48) Methyl methacrylate	6.62	41	105597	53.841	ug/l	99
49) 1,4-Dioxane	6.61	88	40049	1186.800	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	699355	272.884	ug/l	100
52) Toluene	7.64	92	171029	50.486	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	114747	50.586	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	125819	51.596	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	70056	52.158	ug/l	99
56) Ethyl methacrylate	8.02	69	115397	45.098	ug/l	97
57) 1,3-Dichloropropane	8.24	76	133004	51.010	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	333647	236.662	ug/l	100
59) 2-Hexanone	8.36	43	557116	280.233	ug/l	99
60) Dibromochloromethane	8.48	129	71688	53.216	ug/l	97
61) 1,2-Dibromoethane	8.59	107	72229	50.578	ug/l	100
64) Tetrachloroethene	8.23	164	52743	50.063	ug/l	98
65) Chlorobenzene	9.12	112	175928	49.385	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	63943	51.995	ug/l	99
67) Ethyl Benzene	9.25	91	321903	51.003	ug/l	100
68) m/p-Xylenes	9.38	106	242515	105.046	ug/l	99
69) o-Xylene	9.78	106	115281	52.546	ug/l	99
70) Styrene	9.79	104	195349	47.744	ug/l	100
71) Bromoform	9.96	173	51569	52.120	ug/l #	99
73) Isopropylbenzene	10.17	105	317675	49.246	ug/l	100
74) N-amyl acetate	10.02	43	180782	48.953	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	124051	48.975	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	107403m	46.648	ug/l	
77) Bromobenzene	10.45	156	72863	48.602	ug/l	98
78) n-propylbenzene	10.59	91	390437	50.370	ug/l	99
79) 2-Chlorotoluene	10.66	91	225582	48.199	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	270322	51.471	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	43052m	48.937	ug/l	
82) 4-Chlorotoluene	10.77	91	264164	49.737	ug/l	99
83) tert-Butylbenzene	11.10	119	254650	50.155	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	275728	51.396	ug/l	99
85) sec-Butylbenzene	11.32	105	325988	50.958	ug/l	100
86) p-Isopropyltoluene	11.48	119	281551	51.403	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	138207	48.685	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	138152	47.624	ug/l	99
89) n-Butylbenzene	11.89	91	266756	46.054	ug/l	100
90) Hexachloroethane	12.15	117	50901	49.302	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	135896	49.180	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	28795	51.294	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	90752	50.757	ug/l	99
94) Hexachlorobutadiene	13.69	225	45759	50.654	ug/l	98
95) Naphthalene	13.74	128	315572	47.095	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	96385	51.743	ug/l	99

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

