

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\
 Data File : VU026970.D
 Acq On : 21 Sep 2018 16:01
 Operator : MD/SY
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 2:14:06 PM

Quant Time: Sep 22 01:14:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 00:44:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	89701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	150489	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	149077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	87560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	177843	122.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	245.18%	
35) Dibromofluoromethane	4.88	113	129729	103.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.66%	
50) Toluene-d8	7.57	98	508920	109.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.36%	
62) 4-Bromofluorobenzene	10.31	95	189060	113.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	226.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	114750	114.726	ug/l	100
3) Chloromethane	1.33	50	189537	130.449	ug/l	100
4) Vinyl Chloride	1.40	62	183905	124.841	ug/l	99
5) Bromomethane	1.61	94	111315	123.176	ug/l	98
6) Chloroethane	1.68	64	116701	123.987	ug/l	99
7) Trichlorofluoromethane	1.88	101	208313	111.029	ug/l	99
8) Diethyl Ether	2.10	74	102791	122.164	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	125889	112.492	ug/l	99
10) Methyl Iodide	2.41	142	169706	173.738	ug/l	99
11) Tert butyl alcohol	2.84	59	208815	597.735	ug/l	99
12) 1,1-Dichloroethene	2.28	96	122230	115.213	ug/l	99
13) Acrolein	2.20	56	119700	526.650	ug/l	100
14) Allyl chloride	2.59	41	259727m	131.355	ug/l	
15) Acrylonitrile	2.94	53	533690	697.872	ug/l	99
16) Acetone	2.32	43	485440	595.240	ug/l	99
17) Carbon Disulfide	2.48	76	395523	116.400	ug/l	99
18) Methyl Acetate	2.62	43	256990	141.969	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	474584	127.488	ug/l	99
20) Methylene Chloride	2.70	84	151417	116.674	ug/l	100
21) trans-1,2-Dichloroethene	2.98	96	135323	120.158	ug/l	96
22) Diisopropyl ether	3.58	45	572923	138.366	ug/l	97
23) Vinyl Acetate	3.53	43	2497645	710.564	ug/l	100
24) 1,1-Dichloroethane	3.45	63	296557	128.607	ug/l	100
25) 2-Butanone	4.26	43	767473	689.649	ug/l	100
26) 2,2-Dichloropropane	4.23	77	228865	122.197	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	154796	120.038	ug/l	100
28) Bromochloromethane	4.55	49	152258	137.062	ug/l	99
29) Tetrahydrofuran	4.64	42	488147	720.564	ug/l	100
30) Chloroform	4.68	83	267295	119.214	ug/l	100
31) Cyclohexane	5.00	56	271839	114.317	ug/l	100
32) 1,1,1-Trichloroethane	4.92	97	220938	119.995	ug/l	99
36) 1,1-Dichloropropene	5.14	75	206360	118.752	ug/l	100
37) Ethyl Acetate	4.38	43	285728	133.137	ug/l	99
38) Carbon Tetrachloride	5.14	117	190319	105.282	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	249443	121.872	ug/l	97
40) Benzene	5.39	78	619322	115.227	ug/l	100
41) Methacrylonitrile	4.54	41	156265	139.723	ug/l	98
42) 1,2-Dichloroethane	5.40	62	231344	118.736	ug/l	100
43) Isopropyl Acetate	5.55	43	428356	132.117	ug/l	99
44) Trichloroethene	6.19	130	135942	104.616	ug/l	99
45) 1,2-Dichloropropane	6.43	63	177977	120.692	ug/l	96
46) Dibromomethane	6.56	93	106295	113.584	ug/l	99
47) Bromodichloromethane	6.76	83	214310	115.628	ug/l	99
48) Methyl methacrylate	6.62	41	222353	138.403	ug/l	99
49) 1,4-Dioxane	6.61	88	87244	2416.681	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	1469832	672.066	ug/l	99
52) Toluene	7.64	92	374940	116.753	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	255366	123.562	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	273512	122.752	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	151931	111.226	ug/l	98
56) Ethyl methacrylate	8.02	69	265128	131.726	ug/l	99
57) 1,3-Dichloropropane	8.24	76	288364	121.669	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	752213	729.164	ug/l	100
59) 2-Hexanone	8.37	43	1143158	667.864	ug/l	99
60) Dibromochloromethane	8.48	129	153247	105.792	ug/l	99
61) 1,2-Dibromoethane	8.59	107	159942	108.361	ug/l	100
64) Tetrachloroethene	8.23	164	113023	96.438	ug/l	97
65) Chlorobenzene	9.12	112	393431	106.082	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	139708	102.817	ug/l	99
67) Ethyl Benzene	9.25	91	720829	116.824	ug/l	100
68) m/p-Xylenes	9.38	106	541627	232.139	ug/l	100
69) o-Xylene	9.78	106	263394	116.392	ug/l	100
70) Styrene	9.79	104	442514	119.300	ug/l	100
71) Bromoform	9.96	173	113994	98.556	ug/l #	98
73) Isopropylbenzene	10.17	105	709445	116.063	ug/l	100
74) N-amyl acetate	10.02	43	413444	138.698	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	277846	110.276	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	251542m	122.701	ug/l	
77) Bromobenzene	10.45	156	160985	98.891	ug/l	97
78) n-propylbenzene	10.59	91	872680	122.040	ug/l	100
79) 2-Chlorotoluene	10.66	91	505371	114.218	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	601070	117.207	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	88837m	126.645	ug/l	
82) 4-Chlorotoluene	10.77	91	591209	118.973	ug/l	100
83) tert-Butylbenzene	11.10	119	577312	111.953	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	619271	119.487	ug/l	100
85) sec-Butylbenzene	11.32	105	739542	119.846	ug/l	100
86) p-Isopropyltoluene	11.48	119	636220	118.928	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	307076	101.051	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	310666	98.243	ug/l	99
89) n-Butylbenzene	11.89	91	623754	131.896	ug/l	100
90) Hexachloroethane	12.15	117	118093	109.335	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	306534	100.372	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	63823	126.370	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	213085	106.721	ug/l	100
94) Hexachlorobutadiene	13.69	225	102562	99.900	ug/l	99
95) Naphthalene	13.74	128	754604	122.161	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	217183	103.632	ug/l	99

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

