

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120618\
 Data File : VU028498.D
 Acq On : 06 Dec 2018 13:48
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU120618

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 10:35:10 AM

Quant Time: Dec 07 06:18:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	113409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	194374	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	182401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	88072	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	85100	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	4.88	113	62489	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	7.56	98	248461	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	10.31	95	92511	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	74287	48.870	ug/l	98
3) Chloromethane	1.33	50	134618	48.170	ug/l	99
4) Vinyl Chloride	1.40	62	99104	49.139	ug/l	99
5) Bromomethane	1.61	94	36537	44.973	ug/l	98
6) Chloroethane	1.69	64	56381	49.380	ug/l	100
7) Trichlorofluoromethane	1.88	101	103429	48.744	ug/l	99
8) Diethyl Ether	2.10	74	46567	46.907	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	63920	50.368	ug/l	99
10) Methyl Iodide	2.41	142	61274	61.535	ug/l	99
11) Tert butyl alcohol	2.82	59	103582	268.631	ug/l	99
12) 1,1-Dichloroethene	2.28	96	61729	48.887	ug/l	95
13) Acrolein	2.19	56	78211	254.435	ug/l	100
14) Allyl chloride	2.59	41	136056	45.548	ug/l	97
15) Acrylonitrile	2.93	53	263306	245.960	ug/l	99
16) Acetone	2.32	43	259568	229.837	ug/l	99
17) Carbon Disulfide	2.48	76	215975	47.479	ug/l	100
18) Methyl Acetate	2.61	43	145647	49.750	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	230104	48.072	ug/l	100
20) Methylene Chloride	2.70	84	75687	45.462	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	68225	47.989	ug/l	98
22) Diisopropyl ether	3.57	45	280422	48.275	ug/l	99
23) Vinyl Acetate	3.52	43	1179908	246.256	ug/l	99
24) 1,1-Dichloroethane	3.44	63	143535	47.205	ug/l	99
25) 2-Butanone	4.26	43	383810	248.681	ug/l	98
26) 2,2-Dichloropropane	4.22	77	115174	47.804	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	78923	49.047	ug/l	97
28) Bromochloromethane	4.55	49	67678	48.960	ug/l	98
29) Tetrahydrofuran	4.63	42	245604	247.780	ug/l	99
30) Chloroform	4.67	83	128344	48.429	ug/l	94
31) Cyclohexane	4.99	56	141884	47.763	ug/l	99
32) 1,1,1-Trichloroethane	4.91	97	106581	48.423	ug/l	99
36) 1,1-Dichloropropene	5.13	75	101566	47.751	ug/l	98
37) Ethyl Acetate	4.38	43	136589	49.676	ug/l	99
38) Carbon Tetrachloride	5.13	117	84769	49.446	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	128928	49.685	ug/l	98
40) Benzene	5.39	78	308566	49.256	ug/l	98
41) Methacrylonitrile	4.54	41	77244	51.298	ug/l	98
42) 1,2-Dichloroethane	5.40	62	107687	49.109	ug/l	99
43) Isopropyl Acetate	5.55	43	217703	50.058	ug/l	100
44) Trichloroethene	6.18	130	69362	49.797	ug/l	95
45) 1,2-Dichloropropane	6.43	63	88072	49.995	ug/l	99
46) Dibromomethane	6.56	93	51425	49.200	ug/l	98
47) Bromodichloromethane	6.76	83	99526	48.932	ug/l	99
48) Methyl methacrylate	6.62	41	109807	50.771	ug/l	99
49) 1,4-Dioxane	6.61	88	39044	1143.321	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	684635	249.595	ug/l	99
52) Toluene	7.63	92	181662	49.274	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	121906	50.325	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	129948	49.445	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	72587	49.807	ug/l	95
56) Ethyl methacrylate	8.02	69	127810	51.213	ug/l	99
57) 1,3-Dichloropropane	8.24	76	132432	48.953	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	328796	257.217	ug/l	100
59) 2-Hexanone	8.36	43	543574	250.022	ug/l	99
60) Dibromochloromethane	8.48	129	71006	49.764	ug/l	99
61) 1,2-Dibromoethane	8.58	107	78126	51.120	ug/l	100
64) Tetrachloroethene	8.22	164	59613	48.997	ug/l	96
65) Chlorobenzene	9.12	112	190969	49.133	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	64566	52.020	ug/l	98
67) Ethyl Benzene	9.25	91	354232	49.577	ug/l	100
68) m/p-Xylenes	9.37	106	262149	100.829	ug/l	100
69) o-Xylene	9.78	106	126315	49.994	ug/l	100
70) Styrene	9.79	104	209410	50.082	ug/l	99
71) Bromoform	9.96	173	54512	51.628	ug/l #	99
73) Isopropylbenzene	10.16	105	334978	49.567	ug/l	100
74) N-amyl acetate	10.01	43	193983	49.762	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	131203	50.539	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	109357m	48.626	ug/l	
77) Bromobenzene	10.45	156	79022	49.997	ug/l	99
78) n-propylbenzene	10.58	91	422800	50.348	ug/l	99
79) 2-Chlorotoluene	10.66	91	243596	50.359	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	282641	50.525	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	48902m	53.426	ug/l	
82) 4-Chlorotoluene	10.77	91	282253	49.241	ug/l	100
83) tert-Butylbenzene	11.10	119	271869	50.421	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	292378	50.714	ug/l	100
85) sec-Butylbenzene	11.32	105	346759	50.060	ug/l	100
86) p-Isopropyltoluene	11.47	119	292927	49.782	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	147708	49.492	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	147239	47.684	ug/l	99
89) n-Butylbenzene	11.89	91	294498	49.453	ug/l	100
90) Hexachloroethane	12.14	117	43949	49.415	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	144990	48.568	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	29190	51.935	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	102571	50.001	ug/l	100
94) Hexachlorobutadiene	13.69	225	46484	47.535	ug/l	97
95) Naphthalene	13.74	128	352368	49.189	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	103126	50.509	ug/l	99

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

