

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120618\
 Data File : VU028517.D
 Acq On : 06 Dec 2018 21:36
 Operator : MD/SY
 Sample : J6252-03MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW04S-M16W4-11-28-18M

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 10:35:20 AM

Quant Time: Dec 07 07:01:44 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	90443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	162786	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	155277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	78709	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	74809	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	
35) Dibromofluoromethane	4.88	113	54682	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
50) Toluene-d8	7.57	98	218919	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
62) 4-Bromofluorobenzene	10.30	95	81063	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.21	85	61684	50.883	ug/l 99
3) Chloromethane	1.33	50	111438	50.001	ug/l 100
4) Vinyl Chloride	1.41	62	82726	51.434	ug/l 100
5) Bromomethane	1.62	94	31144	48.069	ug/l 96
6) Chloroethane	1.70	64	47403	52.060	ug/l 99
7) Trichlorofluoromethane	1.89	101	86602	51.177	ug/l 98
8) Diethyl Ether	2.10	74	38646	48.813	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	49874	49.280	ug/l 98
10) Methyl Iodide	2.41	142	41235	51.926	ug/l 100
11) Tert butyl alcohol	2.82	59	76856	249.932	ug/l 99
12) 1,1-Dichloroethene	2.29	96	50035	49.688	ug/l 96
13) Acrolein	2.20	56	61501	250.879	ug/l 100
14) Allyl chloride	2.59	41	118552	49.766	ug/l 98
15) Acrylonitrile	2.94	53	229727	269.084	ug/l 99
16) Acetone	2.32	43	179702	199.523	ug/l 100
17) Carbon Disulfide	2.48	76	179794	49.562	ug/l 99
18) Methyl Acetate	2.61	43	123076	52.715	ug/l 98
19) Methyl tert-butyl Ether	3.00	73	196435	51.459	ug/l 98
20) Methylene Chloride	2.70	84	64309	48.436	ug/l 99
21) trans-1,2-Dichloroethene	2.98	96	56579	49.903	ug/l 98
22) Diisopropyl ether	3.57	45	245625	53.022	ug/l 99
23) Vinyl Acetate	3.52	43	983623	257.418	ug/l 99
24) 1,1-Dichloroethane	3.45	63	124040	51.152	ug/l 99
25) 2-Butanone	4.26	43	311433	253.026	ug/l 100
26) 2,2-Dichloropropane	4.23	77	90837	47.276	ug/l 100
27) cis-1,2-Dichloroethene	4.23	96	64868	50.549	ug/l 100
28) Bromochloromethane	4.55	49	61804	56.064	ug/l 96
29) Tetrahydrofuran	4.64	42	215474	272.582	ug/l 98
30) Chloroform	4.67	83	108918	51.535	ug/l 98
31) Cyclohexane	5.00	56	122376	51.756	ug/l 98
32) 1,1,1-Trichloroethane	4.92	97	89351	50.903	ug/l 98
36) 1,1-Dichloropropene	5.14	75	87612	49.183	ug/l 100
37) Ethyl Acetate	4.38	43	117231	50.909	ug/l 99
38) Carbon Tetrachloride	5.13	117	71655	49.907	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	103086	47.435	ug/l	98
40) Benzene	5.39	78	263603	50.244	ug/l	97
41) Methacrylonitrile	4.54	41	68510	54.326	ug/l	98
42) 1,2-Dichloroethane	5.40	62	93051	50.669	ug/l	99
43) Isopropyl Acetate	5.55	43	187935	51.599	ug/l	98
44) Trichloroethene	6.19	130	56967	48.834	ug/l	98
45) 1,2-Dichloropropane	6.43	63	74792	50.695	ug/l	98
46) Dibromomethane	6.56	93	44098	50.377	ug/l	100
47) Bromodichloromethane	6.76	83	84600	49.665	ug/l	98
48) Methyl methacrylate	6.62	41	96555	53.307	ug/l	98
49) 1,4-Dioxane	6.61	88	27874	974.617	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	600712	261.496	ug/l	99
52) Toluene	7.64	92	154985	50.195	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	101810	50.184	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	107680	48.923	ug/l	98
55) 1,1,2-Trichloroethane	8.06	97	61688	50.542	ug/l	96
56) Ethyl methacrylate	8.02	69	107218	51.298	ug/l	98
57) 1,3-Dichloropropane	8.24	76	113951	50.295	ug/l	100
59) 2-Hexanone	8.36	43	452845	248.708	ug/l	100
60) Dibromochloromethane	8.48	129	58610	49.047	ug/l	99
61) 1,2-Dibromoethane	8.58	107	65593	51.248	ug/l	99
64) Tetrachloroethene	8.23	164	46475	44.872	ug/l	98
65) Chlorobenzene	9.12	112	158983	48.049	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	53319	50.462	ug/l	98
67) Ethyl Benzene	9.25	91	294313	48.386	ug/l	100
68) m/p-Xylenes	9.37	106	216965	98.027	ug/l	99
69) o-Xylene	9.78	106	105936	49.252	ug/l	100
70) Stvrene	9.79	104	173632	48.779	ug/l	99
71) Bromoform	9.96	173	43566	48.469	ug/l #	98
73) Isopropylbenzene	10.16	105	278506	46.113	ug/l	100
74) N-amyl acetate	10.01	43	160302	46.013	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	111672	48.133	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	92111m	45.830	ug/l	
77) Bromobenzene	10.45	156	65009	46.024	ug/l	98
78) n-propylbenzene	10.58	91	349354	46.551	ug/l	99
79) 2-Chlorotoluene	10.66	91	202742	46.899	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	235857	47.177	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	40721m	49.816	ug/l	
82) 4-Chlorotoluene	10.77	91	235689	46.008	ug/l	100
83) tert-Butylbenzene	11.10	119	222775	46.231	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	239309	46.447	ug/l	100
85) sec-Butylbenzene	11.32	105	289028	46.689	ug/l	100
86) p-Isopropyltoluene	11.47	119	238961	45.442	ug/l	100
87) 1,3-Dichlorobenzene	11.41	146	119374	44.756	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	121146	43.901	ug/l	100
89) n-Butylbenzene	11.89	91	242420	45.551	ug/l	100
90) Hexachloroethane	12.14	117	38084	47.915	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	119188	44.674	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	24158	48.096	ug/l	98
93) 1,2,4-Trichlorobenzene	13.50	180	82195	44.921	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	36960	42.292	ug/l	97
95) Naphthalene	13.74	128	290864	45.433	ug/l	100
96) 1,2,3-Trichlorobenzene	13.98	180	83195	45.609	ug/l	100

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

