

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082919\
 Data File : VU034018.D
 Acq On : 28 Aug 2019 12:50
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/29/2019 8:47:10 AM

Quant Time: Aug 29 03:44:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 03:17:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	420895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	664968	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	638636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	334552	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	284095	58.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.22%	
35) Dibromofluoromethane	4.86	113	239074	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
50) Toluene-d8	7.55	98	938781	55.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.34%	
62) 4-Bromofluorobenzene	10.29	95	345667	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	242644	55.841	ug/l	100
3) Chloromethane	1.32	50	310465	56.475	ug/l	100
4) Vinyl Chloride	1.40	62	306633	66.800	ug/l	100
5) Bromomethane	1.60	94	152947	57.047	ug/l	100
6) Chloroethane	1.68	64	180726	66.188	ug/l	100
7) Trichlorofluoromethane	1.87	101	354140	60.698	ug/l	100
8) Diethyl Ether	2.09	74	149755	66.060	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.27	101	222484	60.292	ug/l	100
10) Methyl Iodide	2.39	142	329549	59.408	ug/l	100
11) Tert butyl alcohol	2.82	59	332076	265.912	ug/l	100
12) 1,1-Dichloroethene	2.27	96	227571	59.007	ug/l	100
13) Acrolein	2.18	56	135365	320.911	ug/l	100
14) Allyl chloride	2.58	41	427909	61.886	ug/l	100
15) Acrylonitrile	2.92	53	793577	308.633	ug/l	100
16) Acetone	2.31	43	738578	312.022	ug/l	100
17) Carbon Disulfide	2.46	76	702643	55.653	ug/l	100
18) Methyl Acetate	2.60	43	358055	61.601	ug/l	100
19) Methyl tert-butyl Ether	2.98	73	770904	59.640	ug/l	100
20) Methylene Chloride	2.68	84	271426	55.271	ug/l	100
21) trans-1,2-Dichloroethene	2.96	96	248507	56.992	ug/l	100
22) Diisopropyl ether	3.55	45	808400	63.533	ug/l	100
23) Vinyl Acetate	3.50	43	3553542	327.731	ug/l	100
24) 1,1-Dichloroethane	3.42	63	466842	59.413	ug/l	100
25) 2-Butanone	4.23	43	1096453	322.728	ug/l	100
26) 2,2-Dichloropropane	4.20	77	379722	57.468	ug/l	100
27) cis-1,2-Dichloroethene	4.20	96	277532	56.757	ug/l	100
28) Bromochloromethane	4.52	49	228862	62.705	ug/l	100
29) Tetrahydrofuran	4.61	42	672671	317.809	ug/l	100
30) Chloroform	4.65	83	447195	55.967	ug/l	100
31) Cyclohexane	4.97	56	425521	58.531	ug/l	100
32) 1,1,1-Trichloroethane	4.89	97	377291	56.401	ug/l	100
36) 1,1-Dichloropropene	5.11	75	337221	54.136	ug/l	100
37) Ethyl Acetate	4.35	43	390209	61.438	ug/l	100
38) Carbon Tetrachloride	5.11	117	327098	52.087	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	409555	55.634	ug/l	100
40) Benzene	5.36	78	1024867	55.272	ug/l	100
41) Methacrylonitrile	4.51	41	207933	62.862	ug/l	100
42) 1,2-Dichloroethane	5.38	62	355001	56.412	ug/l	100
43) Isopropyl Acetate	5.53	43	591643	60.583	ug/l	100
44) Trichloroethene	6.16	130	264267	50.794	ug/l	100
45) 1,2-Dichloropropane	6.41	63	287299	57.468	ug/l	100
46) Dibromomethane	6.54	93	182062	54.199	ug/l	100
47) Bromodichloromethane	6.74	83	355775	55.417	ug/l	100
48) Methyl methacrylate	6.60	41	294972	62.898	ug/l	100
49) 1,4-Dioxane	6.59	88	143158	1154.674	ug/l	100
51) 4-Methyl-2-Pentanone	7.44	43	2042620	302.104	ug/l	100
52) Toluene	7.62	92	645657	55.301	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	403470	56.408	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	440912	57.269	ug/l	100
55) 1,1,2-Trichloroethane	8.05	97	267019	53.864	ug/l	100
56) Ethyl methacrylate	8.00	69	417651	59.128	ug/l	100
57) 1,3-Dichloropropane	8.22	76	450653	55.893	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	860397	331.143	ug/l	100
59) 2-Hexanone	8.34	43	1576867	303.690	ug/l	100
60) Dibromochloromethane	8.46	129	285180	51.748	ug/l	100
61) 1,2-Dibromoethane	8.57	107	279360	53.706	ug/l	100
64) Tetrachloroethene	8.21	164	231976	45.952	ug/l	100
65) Chlorobenzene	9.10	112	706674	52.957	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	253113	51.330	ug/l	100
67) Ethyl Benzene	9.23	91	1239633	55.423	ug/l	100
68) m/p-Xylenes	9.36	106	951569	110.645	ug/l	100
69) o-Xylene	9.76	106	458815	55.664	ug/l	100
70) Styrene	9.77	104	802254	56.845	ug/l	100
71) Bromoform	9.94	173	220942	50.618	ug/l #	100
73) Isopropylbenzene	10.15	105	1243115	56.291	ug/l	100
74) N-amyl acetate	10.00	43	545638	64.281	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.44	83	445615	55.511	ug/l	100
76) 1,2,3-Trichloropropane	10.48	75	410729m	59.701	ug/l	
77) Bromobenzene	10.43	156	320080	51.769	ug/l	100
78) n-propylbenzene	10.57	91	1447544	57.568	ug/l	100
79) 2-Chlorotoluene	10.64	91	854200	56.248	ug/l	100
80) 1,3,5-Trimethylbenzene	10.76	105	1074231	56.861	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	118615m	51.261	ug/l	
82) 4-Chlorotoluene	10.76	91	983556	56.099	ug/l	100
83) tert-Butylbenzene	11.08	119	1032617	56.107	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	1080525	58.118	ug/l	100
85) sec-Butylbenzene	11.31	105	1250904	57.004	ug/l	100
86) p-Isopropyltoluene	11.46	119	1151063	56.354	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	570811	52.093	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	568810	51.480	ug/l	100
89) n-Butylbenzene	11.87	91	1036265	60.061	ug/l	100
90) Hexachloroethane	12.12	117	186754	55.080	ug/l	100
91) 1,2-Dichlorobenzene	11.86	146	556501	51.708	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	94052	59.094	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	387221	58.763	ug/l	100
94) Hexachlorobutadiene	13.67	225	215227	49.275	ug/l	100
95) Naphthalene	13.73	128	1093066	62.569	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	379192	55.707	ug/l	100

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

