

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
 Data File : VU034504.D
 Acq On : 12 Sep 2019 02:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 6:57:26 AM

Quant Time: Sep 12 06:46:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	255519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	361865	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	367196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	248293	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	201088	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
35) Dibromofluoromethane	4.86	113	181356	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
50) Toluene-d8	7.54	98	675565	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
62) 4-Bromofluorobenzene	10.29	95	257241	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	126855	47.469	ug/l	97
3) Chloromethane	1.32	50	149019	51.617	ug/l	98
4) Vinyl Chloride	1.40	62	160479	48.191	ug/l	97
5) Bromomethane	1.61	94	94501	56.465	ug/l	96
6) Chloroethane	1.68	64	104427	54.034	ug/l	99
7) Trichlorofluoromethane	1.87	101	231929	51.943	ug/l	100
8) Diethyl Ether	2.09	74	102487	52.182	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.27	101	152806	51.670	ug/l	99
10) Methyl Iodide	2.40	142	123131	45.854	ug/l	98
11) Tert butyl alcohol	2.81	59	245199	300.209	ug/l	98
12) 1,1-Dichloroethene	2.27	96	142813	51.370	ug/l	98
13) Acrolein	2.18	56	108632	158.245	ug/l	99
14) Allyl chloride	2.58	41	261509m	49.203	ug/l	
15) Acrylonitrile	2.92	53	578455	284.403	ug/l	98
16) Acetone	2.31	43	461539	230.692	ug/l	99
17) Carbon Disulfide	2.46	76	271261	43.414	ug/l	99
18) Methyl Acetate	2.60	43	262097	53.839	ug/l	98
19) Methyl tert-butyl Ether	2.98	73	573072	56.554	ug/l	100
20) Methylene Chloride	2.68	84	186316	56.912	ug/l	99
21) trans-1,2-Dichloroethene	2.97	96	149068	50.883	ug/l	96
22) Diisopropyl ether	3.55	45	584546	56.397	ug/l	99
23) Vinyl Acetate	3.50	43	2359016	279.410	ug/l	99
24) 1,1-Dichloroethane	3.43	63	325870	52.646	ug/l	100
25) 2-Butanone	4.24	43	744370	278.724	ug/l	98
26) 2,2-Dichloropropane	4.21	77	204855	41.149	ug/l	98
27) cis-1,2-Dichloroethene	4.20	96	193723	54.445	ug/l	96
28) Bromochloromethane	4.52	49	158094	55.528	ug/l	96
29) Tetrahydrofuran	4.61	42	467921	287.934	ug/l	99
30) Chloroform	4.65	83	335583	53.337	ug/l	100
31) Cyclohexane	4.97	56	221022	48.808	ug/l	99
32) 1,1,1-Trichloroethane	4.89	97	273421	54.354	ug/l	99
36) 1,1-Dichloropropene	5.12	75	209559	53.398	ug/l	100
37) Ethyl Acetate	4.36	43	267661	57.686	ug/l	99
38) Carbon Tetrachloride	5.11	117	230123	54.919	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	215632	51.399	ug/l	100
40) Benzene	5.37	78	696266	54.983	ug/l	99
41) Methacrylonitrile	4.52	41	149357	60.431	ug/l	99
42) 1,2-Dichloroethane	5.38	62	243530	55.390	ug/l	100
43) Isopropyl Acetate	5.53	43	415279	57.372	ug/l	99
44) Trichloroethene	6.16	130	192728	54.999	ug/l	99
45) 1,2-Dichloropropane	6.41	63	210112	56.756	ug/l	100
46) Dibromomethane	6.54	93	130466	56.144	ug/l	99
47) Bromodichloromethane	6.73	83	270394	56.529	ug/l	99
48) Methyl methacrylate	6.60	41	198481	57.733	ug/l	99
49) 1,4-Dioxane	6.59	88	89180	1187.933	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	1461347	291.665	ug/l	99
52) Toluene	7.61	92	444408	55.944	ug/l	98
53) t-1,3-Dichloropropene	7.86	75	271812	54.818	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	300487	55.216	ug/l	99
55) 1,1,2-Trichloroethane	8.04	97	205065	56.851	ug/l	99
56) Ethyl methacrylate	8.00	69	293666	53.366	ug/l	100
57) 1,3-Dichloropropane	8.22	76	330727	56.308	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.11	63	490384	263.529	ug/l	100
59) 2-Hexanone	8.34	43	1098556	293.496	ug/l	99
60) Dibromochloromethane	8.45	129	228841	59.149	ug/l	100
61) 1,2-Dibromoethane	8.57	107	202676	57.407	ug/l	99
64) Tetrachloroethene	8.21	164	175876	55.209	ug/l	97
65) Chlorobenzene	9.10	112	515924	55.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	200067	56.273	ug/l	99
67) Ethyl Benzene	9.23	91	864781	56.774	ug/l	100
68) m/p-Xylenes	9.35	106	671809	117.126	ug/l	99
69) o-Xylene	9.76	106	322997	57.582	ug/l	99
70) Styrene	9.77	104	595399	60.540	ug/l	99
71) Bromoform	9.94	173	175437	56.937	ug/l #	99
73) Isopropylbenzene	10.14	105	897294	55.531	ug/l	99
74) N-amyl acetate	9.99	43	370126	56.906	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.43	83	347625	53.150	ug/l	100
76) 1,2,3-Trichloropropane	10.47	75	286051m	52.779	ug/l	
77) Bromobenzene	10.43	156	243479	53.890	ug/l	98
78) n-propylbenzene	10.57	91	1038154	55.631	ug/l	100
79) 2-Chlorotoluene	10.64	91	629018	55.243	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	777169	57.509	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	84983m	52.731	ug/l	
82) 4-Chlorotoluene	10.75	91	720017	54.949	ug/l	99
83) tert-Butylbenzene	11.08	119	751599	55.596	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	781269	57.433	ug/l	100
85) sec-Butylbenzene	11.30	105	894470	56.044	ug/l	100
86) p-Isopropyltoluene	11.45	119	832526	56.515	ug/l	99
87) 1,3-Dichlorobenzene	11.39	146	441514	53.553	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	443377	51.560	ug/l	99
89) n-Butylbenzene	11.86	91	712004	55.619	ug/l	100
90) Hexachloroethane	12.12	117	126480	53.666	ug/l	98
91) 1,2-Dichlorobenzene	11.85	146	437816	54.034	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.63	75	68474	56.973	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	294342	50.083	ug/l	98
94) Hexachlorobutadiene	13.67	225	140752	49.661	ug/l	100
95) Naphthalene	13.72	128	814416	49.277	ug/l	99
96) 1,2,3-Trichlorobenzene	13.96	180	294408	51.771	ug/l	99

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

