

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120518\
 Data File : VU028490.D
 Acq On : 05 Dec 2018 19:02
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/6/2018 4:53:28 PM

Quant Time: Dec 06 03:47:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	287252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	499963	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	481115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	246733	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	258620	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
35) Dibromofluoromethane	4.88	113	191904	57.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.44%	
50) Toluene-d8	7.57	98	763941	57.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.92%	
62) 4-Bromofluorobenzene	10.30	95	295164	61.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	199389	51.744	ug/l	99
3) Chloromethane	1.33	50	355480	47.593	ug/l	99
4) Vinyl Chloride	1.40	62	273827	52.398	ug/l	99
5) Bromomethane	1.62	94	104008	51.458	ug/l	98
6) Chloroethane	1.69	64	159784	53.136	ug/l	95
7) Trichlorofluoromethane	1.89	101	296092	54.546	ug/l	99
8) Diethyl Ether	2.10	74	141883	56.226	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	181101	57.271	ug/l	98
10) Methyl Iodide	2.41	142	122785	41.176	ug/l	96
11) Tert butyl alcohol	2.82	59	293658	269.255	ug/l	98
12) 1,1-Dichloroethene	2.28	96	177931	57.982	ug/l	93
13) Acrolein	2.20	56	215814	222.582	ug/l	98
14) Allyl chloride	2.59	41	374917	46.761	ug/l	98
15) Acrylonitrile	2.94	53	781050	270.734	ug/l	99
16) Acetone	2.32	43	675008	229.852	ug/l	98
17) Carbon Disulfide	2.48	76	571090	48.484	ug/l	99
18) Methyl Acetate	2.61	43	432185	52.857	ug/l	94
19) Methyl tert-butyl Ether	3.00	73	687013	54.607	ug/l	98
20) Methylene Chloride	2.70	84	229761	55.478	ug/l	92
21) trans-1,2-Dichloroethene	2.98	96	195922	55.051	ug/l	91
22) Diisopropyl ether	3.57	45	811763	51.426	ug/l	98
23) Vinyl Acetate	3.52	43	3211995	244.803	ug/l	99
24) 1,1-Dichloroethane	3.45	63	414787	53.297	ug/l	99
25) 2-Butanone	4.26	43	1087097	258.293	ug/l	97
26) 2,2-Dichloropropane	4.23	77	322408	52.163	ug/l	97
27) cis-1,2-Dichloroethene	4.22	96	228702	54.337	ug/l	94
28) Bromochloromethane	4.55	49	197738	50.814	ug/l	91
29) Tetrahydrofuran	4.64	42	724797	265.240	ug/l	95
30) Chloroform	4.67	83	378629	52.708	ug/l	97
31) Cyclohexane	5.00	56	397614	49.768	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	307239	53.301	ug/l	99
36) 1,1-Dichloropropene	5.13	75	294759	53.876	ug/l	98
37) Ethyl Acetate	4.38	43	396365	53.162	ug/l	97
38) Carbon Tetrachloride	5.13	117	241338	53.718	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	356914	55.332	ug/l	96
40) Benzene	5.39	78	898799	55.468	ug/l	100
41) Methacrylonitrile	4.54	41	226457	54.693	ug/l	94
42) 1,2-Dichloroethane	5.40	62	310155	53.132	ug/l	99
43) Isopropyl Acetate	5.55	43	639668	54.141	ug/l	98
44) Trichloroethene	6.19	130	206048	59.323	ug/l	100
45) 1,2-Dichloropropane	6.43	63	251208	52.940	ug/l	98
46) Dibromomethane	6.56	93	152386	55.908	ug/l	98
47) Bromodichloromethane	6.76	83	292411	53.936	ug/l	100
48) Methyl methacrylate	6.62	41	319548	51.922	ug/l	96
49) 1,4-Dioxane	6.61	88	109598	1114.741	ug/l	92
51) 4-Methyl-2-Pentanone	7.46	43	2027915	268.743	ug/l	96
52) Toluene	7.64	92	536190	57.463	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	352302	54.345	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	381517	54.934	ug/l	98
55) 1,1,2-Trichloroethane	8.06	97	213564	54.994	ug/l	98
56) Ethyl methacrylate	8.02	69	377016	57.067	ug/l	97
57) 1,3-Dichloropropane	8.24	76	394259	55.361	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.12	63	996008	280.805	ug/l	98
59) 2-Hexanone	8.36	43	1570474	268.683	ug/l	97
60) Dibromochloromethane	8.48	129	202727	54.889	ug/l	100
61) 1,2-Dibromoethane	8.58	107	231993	58.328	ug/l	98
64) Tetrachloroethene	8.22	164	180128	56.917	ug/l	99
65) Chlorobenzene	9.12	112	559159	55.972	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	186499	54.463	ug/l	99
67) Ethyl Benzene	9.25	91	1040152	55.282	ug/l	100
68) m/p-Xylenes	9.37	106	760483	112.293	ug/l	98
69) o-Xylene	9.78	106	370429	55.022	ug/l	99
70) Styrene	9.79	104	614621	56.607	ug/l	99
71) Bromoform	9.96	173	157611	54.760	ug/l	# 99
73) Isopropylbenzene	10.16	105	983641	51.259	ug/l	99
74) N-amyl acetate	10.01	43	557899	46.402	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	381752	48.376	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	318697m	46.579	ug/l	
77) Bromobenzene	10.45	156	237877	52.608	ug/l	94
78) n-propylbenzene	10.58	91	1231073	52.003	ug/l	99
79) 2-Chlorotoluene	10.66	91	703781	50.431	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	832941	51.508	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	122812m	47.647	ug/l	
82) 4-Chlorotoluene	10.77	91	821493	51.092	ug/l	99
83) tert-Butylbenzene	11.10	119	778415	51.637	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	840941	51.342	ug/l	97
85) sec-Butylbenzene	11.32	105	1016699	51.926	ug/l	100
86) p-Isopropyltoluene	11.48	119	865978	53.789	ug/l	98
87) 1,3-Dichlorobenzene	11.41	146	435492	52.806	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	441129	53.149	ug/l	98
89) n-Butylbenzene	11.89	91	879713	55.366	ug/l	99
90) Hexachloroethane	12.14	117	126245	50.227	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	431873	52.487	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	86341	49.189	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	309853	57.531	ug/l	99
94) Hexachlorobutadiene	13.69	225	138540	54.475	ug/l	99
95) Naphthalene	13.74	128	1082206	51.995	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	314509	57.738	ug/l	99

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

