

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110718\
 Data File : VU027991.D
 Acq On : 07 Nov 2018 08:59
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/8/2018 9:10:57 AM

Quant Time: Nov 07 09:24:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	206858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	353129	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	328842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	162613	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	140136	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	
35) Dibromofluoromethane	4.88	113	106284	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
50) Toluene-d8	7.57	98	413195	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	10.31	95	154261	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	103694	39.450	ug/l	96
3) Chloromethane	1.33	50	137089	43.124	ug/l	97
4) Vinyl Chloride	1.40	62	137940	43.719	ug/l	98
5) Bromomethane	1.62	94	56026	44.092	ug/l	100
6) Chloroethane	1.69	64	84551	46.502	ug/l	99
7) Trichlorofluoromethane	1.88	101	170390	46.735	ug/l	98
8) Diethyl Ether	2.10	74	75724	48.507	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	107814	49.779	ug/l	99
10) Methyl Iodide	2.41	142	71018	37.922	ug/l	98
11) Tert butyl alcohol	2.83	59	166779	204.843	ug/l	99
12) 1,1-Dichloroethene	2.29	96	100538	46.374	ug/l	97
13) Acrolein	2.20	56	75054	250.624	ug/l	98
14) Allyl chloride	2.59	41	233274	44.025	ug/l	97
15) Acrylonitrile	2.93	53	467038	233.524	ug/l	100
16) Acetone	2.32	43	442203	231.747	ug/l	99
17) Carbon Disulfide	2.48	76	300248	42.370	ug/l	99
18) Methyl Acetate	2.61	43	236371	45.032	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	417924	47.802	ug/l	99
20) Methylene Chloride	2.70	84	128081	45.973	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	110592	44.202	ug/l	99
22) Diisopropyl ether	3.57	45	515533	47.127	ug/l	99
23) Vinyl Acetate	3.52	43	2228513	237.039	ug/l	100
24) 1,1-Dichloroethane	3.45	63	249011	45.700	ug/l	99
25) 2-Butanone	4.26	43	701475	231.078	ug/l	98
26) 2,2-Dichloropropane	4.23	77	201349	49.241	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	134580	47.967	ug/l	99
28) Bromochloromethane	4.55	49	125429	49.103	ug/l	100
29) Tetrahydrofuran	4.64	42	438522	216.337	ug/l	98
30) Chloroform	4.67	83	231552	46.347	ug/l	98
31) Cyclohexane	5.00	56	242372	45.165	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	189843	47.736	ug/l	99
36) 1,1-Dichloropropene	5.14	75	175654	47.494	ug/l	100
37) Ethyl Acetate	4.38	43	243654	44.962	ug/l	99
38) Carbon Tetrachloride	5.13	117	158019	48.212	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	215809	48.379	ug/l	99
40) Benzene	5.39	78	533421	47.174	ug/l	99
41) Methacrylonitrile	4.54	41	139632	48.283	ug/l	98
42) 1,2-Dichloroethane	5.40	62	188578	46.918	ug/l	100
43) Isopropyl Acetate	5.55	43	399072	47.005	ug/l	99
44) Trichloroethene	6.19	130	118213	48.635	ug/l	99
45) 1,2-Dichloropropane	6.43	63	156868	48.104	ug/l	98
46) Dibromomethane	6.56	93	91572	48.853	ug/l	96
47) Bromodichloromethane	6.76	83	179408	49.666	ug/l	100
48) Methyl methacrylate	6.62	41	200619	48.220	ug/l	99
49) 1,4-Dioxane	6.61	88	61720	909.274	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	1309990	231.042	ug/l	99
52) Toluene	7.64	92	320004	48.138	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	211782	47.338	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	228967	51.417	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	130412	48.219	ug/l	97
56) Ethyl methacrylate	8.02	69	239311	50.176	ug/l	99
57) 1,3-Dichloropropane	8.24	76	238144	48.338	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	625958	245.050	ug/l	99
59) 2-Hexanone	8.36	43	1036850	236.438	ug/l	99
60) Dibromochloromethane	8.48	129	131259	51.288	ug/l	99
61) 1,2-Dibromoethane	8.58	107	139130	48.414	ug/l	98
64) Tetrachloroethene	8.23	164	99916	46.858	ug/l	98
65) Chlorobenzene	9.12	112	334664	48.170	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	117699	49.598	ug/l	100
67) Ethyl Benzene	9.25	91	628971	49.184	ug/l	100
68) m/p-Xylenes	9.38	106	457427	98.582	ug/l	98
69) o-Xylene	9.78	106	223886	47.783	ug/l	97
70) Styrene	9.79	104	378752	50.591	ug/l	98
71) Bromoform	9.96	173	102530	51.554	ug/l #	100
73) Isopropylbenzene	10.17	105	612352	48.609	ug/l	99
74) N-amyl acetate	10.01	43	369232	48.472	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	235176	46.281	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	244221m	54.907	ug/l	
77) Bromobenzene	10.45	156	142553	49.350	ug/l	100
78) n-propylbenzene	10.59	91	761148	50.477	ug/l	99
79) 2-Chlorotoluene	10.66	91	432452	47.846	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	512873	49.146	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	93529m	52.488	ug/l	
82) 4-Chlorotoluene	10.77	91	503078	49.027	ug/l	99
83) tert-Butylbenzene	11.10	119	501180	48.040	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	519030	49.393	ug/l	100
85) sec-Butylbenzene	11.32	105	641688	50.576	ug/l	100
86) p-Isopropyltoluene	11.48	119	543813	51.271	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	261709	49.045	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	263916	48.254	ug/l	100
89) n-Butylbenzene	11.89	91	542109	53.779	ug/l	99
90) Hexachloroethane	12.14	117	95614	50.633	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	261185	48.672	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	52079	48.639	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	184857	49.132	ug/l	99
94) Hexachlorobutadiene	13.69	225	88130	51.675	ug/l	100
95) Naphthalene	13.74	128	633461	47.481	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	188973	52.481	ug/l	99

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

