

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024526.D
 Acq On : 14 Jun 2018 09:52
 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

apatel
 6/15/2018 3:15:57 PM

Quant Time: Jun 15 01:56:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	193891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	292564	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	277906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	170744	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	134711	42.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.12%	
35) Dibromofluoromethane	4.89	113	112594	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
50) Toluene-d8	7.57	98	410915	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
62) 4-Bromofluorobenzene	10.31	95	163845	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	107455	44.277	ug/l	100
3) Chloromethane	1.33	50	114551	46.200	ug/l	100
4) Vinyl Chloride	1.40	62	115931	45.339	ug/l	96
5) Bromomethane	1.62	94	61765	49.968	ug/l	100
6) Chloroethane	1.70	64	70616	49.410	ug/l	98
7) Trichlorofluoromethane	1.89	101	175650	45.013	ug/l	98
8) Diethyl Ether	2.10	74	65478	49.279	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	107679	44.479	ug/l	98
10) Methyl Iodide	2.41	142	107307	52.124	ug/l	97
11) Tert butyl alcohol	2.82	59	141822	184.225	ug/l	100
12) 1,1-Dichloroethene	2.28	96	98214	44.486	ug/l	93
13) Acrolein	2.19	56	77611	191.983	ug/l	97
14) Allyl chloride	2.59	41	176359	43.023	ug/l	94
15) Acrylonitrile	2.93	53	333547	222.692	ug/l	98
16) Acetone	2.32	43	422148	248.217	ug/l	97
17) Carbon Disulfide	2.48	76	315412	44.617	ug/l	100
18) Methyl Acetate	2.62	43	156805	43.007	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	368268	44.376	ug/l	99
20) Methylene Chloride	2.70	84	113229	42.431	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	109999	45.237	ug/l	96
22) Diisopropyl ether	3.57	45	368952	45.404	ug/l	96
23) Vinyl Acetate	3.53	43	1693689	232.675	ug/l	99
24) 1,1-Dichloroethane	3.45	63	210035	44.931	ug/l	99
25) 2-Butanone	4.26	43	549602	240.584	ug/l	97
26) 2,2-Dichloropropane	4.23	77	198700	44.764	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	127388	45.569	ug/l	99
28) Bromochloromethane	4.55	49	100695	48.904	ug/l	91
29) Tetrahydrofuran	4.64	42	306198	216.442	ug/l	97
30) Chloroform	4.68	83	213311	45.083	ug/l	97
31) Cyclohexane	5.00	56	197901	47.577	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	193686	44.268	ug/l	96
36) 1,1-Dichloropropene	5.14	75	162629	47.305	ug/l	97
37) Ethyl Acetate	4.38	43	183410	48.948	ug/l	97
38) Carbon Tetrachloride	5.14	117	177421	46.931	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	204621	47.695	ug/l	95
40) Benzene	5.39	78	466833	47.655	ug/l	99
41) Methacrylonitrile	4.54	41	98747	48.879	ug/l	97
42) 1,2-Dichloroethane	5.41	62	171616	45.998	ug/l	98
43) Isopropyl Acetate	5.55	43	299387	46.224	ug/l	98
44) Trichloroethene	6.19	130	130087	46.661	ug/l	96
45) 1,2-Dichloropropane	6.44	63	126483	48.390	ug/l	96
46) Dibromomethane	6.56	93	89608	48.807	ug/l	97
47) Bromodichloromethane	6.76	83	174818	47.818	ug/l	99
48) Methyl methacrylate	6.62	41	147029	46.619	ug/l	99
49) 1,4-Dioxane	6.61	88	52333	848.493	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	948191	233.022	ug/l	98
52) Toluene	7.64	92	297197	47.156	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	201371	49.047	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	207860	47.513	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	120598	47.075	ug/l	98
56) Ethyl methacrylate	8.02	69	202419	47.207	ug/l	99
57) 1,3-Dichloropropane	8.25	76	204864	47.404	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	421038	256.307	ug/l	97
59) 2-Hexanone	8.36	43	786761	236.831	ug/l	99
60) Dibromochloromethane	8.48	129	148255	46.407	ug/l	100
61) 1,2-Dibromoethane	8.59	107	135887	47.656	ug/l	99
64) Tetrachloroethene	8.23	164	111401	42.172	ug/l	98
65) Chlorobenzene	9.12	112	338001	47.609	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	126709	46.977	ug/l	98
67) Ethyl Benzene	9.25	91	590491	47.444	ug/l	98
68) m/p-Xylenes	9.38	106	455944	95.401	ug/l	98
69) o-Xylene	9.78	106	223555	47.265	ug/l	96
70) Styrene	9.80	104	373088	48.000	ug/l	98
71) Bromoform	9.96	173	122119	47.634	ug/l #	100
73) Isopropylbenzene	10.17	105	600634	45.818	ug/l	98
74) N-amyl acetate	10.01	43	286435	45.938	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	202583	46.116	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	182255m	48.483	ug/l	
77) Bromobenzene	10.45	156	152108	45.833	ug/l	97
78) n-propylbenzene	10.59	91	725192	46.961	ug/l	98
79) 2-Chlorotoluene	10.66	91	414755	45.545	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	517879	45.579	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	75668m	46.587	ug/l	
82) 4-Chlorotoluene	10.78	91	490670	46.293	ug/l	99
83) tert-Butylbenzene	11.10	119	513041	46.941	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	532049	45.949	ug/l	100
85) sec-Butylbenzene	11.33	105	638771	46.691	ug/l	98
86) p-Isopropyltoluene	11.48	119	567764	46.337	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	285915	46.632	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	285474	46.259	ug/l	99
89) n-Butylbenzene	11.89	91	536429	49.312	ug/l	98
90) Hexachloroethane	12.15	117	110700	46.313	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	282755	46.041	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	52989	43.716	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	198323	52.295	ug/l	100
94) Hexachlorobutadiene	13.70	225	105740	49.537	ug/l	99
95) Naphthalene	13.74	128	576943	46.009	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	199125	52.694	ug/l	99

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

