

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024680.D
 Acq On : 18 Jun 2018 10:13
 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
 6/19/2018 1:54:57 PM

Quant Time: Jun 18 17:43:01 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	175286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	265352	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	251298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151746	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	126952	44.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.72%	
35) Dibromofluoromethane	4.89	113	111414	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	7.57	98	410734	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	10.31	95	155564	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	94498	43.07	ug/l	100
3) Chloromethane	1.33	50	103089	45.99	ug/l	100
4) Vinyl Chloride	1.40	62	109445	47.34	ug/l	95
5) Bromomethane	1.62	94	52047	46.57	ug/l	95
6) Chloroethane	1.70	64	72495	56.25	ug/l	100
7) Trichlorofluoromethane	1.89	101	177214	50.23	ug/l	97
8) Diethyl Ether	2.10	74	66464	55.57	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	102634	46.89	ug/l	97
10) Methyl Iodide	2.41	142	67396	37.83	ug/l	97
11) Tert butyl alcohol	2.82	59	134662	193.49	ug/l	98
12) 1,1-Dichloroethene	2.28	96	91926	46.06	ug/l	95
13) Acrolein	2.19	56	110777	303.11	ug/l	98
14) Allyl chloride	2.59	41	163067	44.00	ug/l	92
15) Acrylonitrile	2.94	53	326948	241.45	ug/l	99
16) Acetone	2.32	43	434996	282.92	ug/l	97
17) Carbon Disulfide	2.48	76	277485	43.42	ug/l	100
18) Methyl Acetate	2.62	43	161237	48.92	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	357244	47.62	ug/l	98
20) Methylene Chloride	2.70	84	109569	45.42	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	104326	47.46	ug/l	93
22) Diisopropyl ether	3.57	45	363319	49.46	ug/l	96
23) Vinyl Acetate	3.53	43	1578493	239.87	ug/l	98
24) 1,1-Dichloroethane	3.45	63	201344	47.64	ug/l	100
25) 2-Butanone	4.26	43	551406	266.99	ug/l	96
26) 2,2-Dichloropropane	4.23	77	183207	45.65	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	123023	48.68	ug/l	96
28) Bromochloromethane	4.55	49	89318	47.98	ug/l	85
29) Tetrahydrofuran	4.63	42	295546	231.09	ug/l	97
30) Chloroform	4.68	83	206891	48.37	ug/l	97
31) Cyclohexane	5.00	56	187201	49.88	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	183472	46.38	ug/l	96
36) 1,1-Dichloropropene	5.14	75	148828	47.73	ug/l	97
37) Ethyl Acetate	4.38	43	174515	51.35	ug/l #	97
38) Carbon Tetrachloride	5.14	117	167580	48.87	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	192298	49.42	ug/l	94
40) Benzene	5.39	78	448837	50.52	ug/l	99
41) Methacrylonitrile	4.54	41	94390	51.51	ug/l	97
42) 1,2-Dichloroethane	5.41	62	162601	48.05	ug/l	97
43) Isopropyl Acetate	5.55	43	289533	49.29	ug/l	98
44) Trichloroethene	6.19	130	126824	50.16	ug/l	95
45) 1,2-Dichloropropane	6.44	63	122847	51.82	ug/l	98
46) Dibromomethane	6.56	93	85920	51.60	ug/l	95
47) Bromodichloromethane	6.76	83	165267	49.84	ug/l	99
48) Methyl methacrylate	6.62	41	138587	48.45	ug/l	98
49) 1,4-Dioxane	6.61	88	53910	963.70	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	931072	252.28	ug/l	98
52) Toluene	7.64	92	290505	50.82	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	189701	50.94	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	199022	50.16	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	119873	51.59	ug/l	99
56) Ethyl methacrylate	8.02	69	195824	50.35	ug/l	99
57) 1,3-Dichloropropane	8.25	76	203136	51.82	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	381003	255.72	ug/l	96
59) 2-Hexanone	8.36	43	792002	262.86	ug/l	99
60) Dibromochloromethane	8.48	129	146299	50.49	ug/l	98
61) 1,2-Dibromoethane	8.59	107	132450	51.21	ug/l	99
64) Tetrachloroethene	8.23	164	124019	51.92	ug/l	98
65) Chlorobenzene	9.12	112	333943	52.02	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	127796	52.40	ug/l	98
67) Ethyl Benzene	9.25	91	567711	50.44	ug/l	97
68) m/p-Xylenes	9.38	106	446629	103.35	ug/l	96
69) o-Xylene	9.78	106	221650	51.82	ug/l	94
70) Styrene	9.80	104	362006	51.51	ug/l	99
71) Bromoform	9.96	173	120444	51.95	ug/l	# 99
73) Isopropylbenzene	10.17	105	593839	50.97	ug/l	99
74) N-amyl acetate	10.01	43	275463	49.71	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	198560	50.86	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	169938m	50.87	ug/l	
77) Bromobenzene	10.45	156	149261	50.61	ug/l	94
78) n-propylbenzene	10.59	91	689374	50.23	ug/l	98
79) 2-Chlorotoluene	10.66	91	408299	50.45	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	514218	50.92	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	79628m	55.16	ug/l	
82) 4-Chlorotoluene	10.78	91	469982	49.89	ug/l	98
83) tert-Butylbenzene	11.10	119	495233	50.98	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	527391	51.25	ug/l	99
85) sec-Butylbenzene	11.33	105	624984	51.40	ug/l	97
86) p-Isopropyltoluene	11.48	119	557512	51.20	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	273711	50.23	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	278475	50.77	ug/l	100
89) n-Butylbenzene	11.89	91	487337	50.41	ug/l	98
90) Hexachloroethane	12.15	117	102889	48.43	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	279267	51.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	49895	46.32	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	179479	53.25	ug/l	99
94) Hexachlorobutadiene	13.70	225	98209	51.77	ug/l	100
95) Naphthalene	13.74	128	524361	47.04	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	181270	53.97	ug/l	99

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

