

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025008.D
 Acq On : 28 Jun 2018 10:01
 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
 6/29/2018 4:23:25 PM

Quant Time: Jun 29 05:21:57 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	185020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	272611	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	254806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	163125	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	143196	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
35) Dibromofluoromethane	4.89	113	115210	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	7.57	98	392657	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
62) 4-Bromofluorobenzene	10.31	95	165040	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	100834	43.54	ug/l	99
3) Chloromethane	1.33	50	100269	42.38	ug/l	100
4) Vinyl Chloride	1.40	62	110898	45.45	ug/l	96
5) Bromomethane	1.62	94	65958	55.92	ug/l	98
6) Chloroethane	1.69	64	73108	53.70	ug/l	99
7) Trichlorofluoromethane	1.88	101	187314	50.30	ug/l	99
8) Diethyl Ether	2.10	74	68467	54.19	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	114838	49.71	ug/l	97
10) Methyl Iodide	2.41	142	121281	60.76	ug/l	99
11) Tert butyl alcohol	2.82	59	154450	210.25	ug/l	100
12) 1,1-Dichloroethene	2.28	96	104539	49.62	ug/l	94
13) Acrolein	2.19	56	43071	111.65	ug/l	96
14) Allyl chloride	2.59	41	203228	51.95	ug/l	92
15) Acrylonitrile	2.93	53	329320	230.41	ug/l	98
16) Acetone	2.32	43	516278	318.12	ug/l	98
17) Carbon Disulfide	2.48	76	295257	43.77	ug/l	100
18) Methyl Acetate	2.61	43	186411	53.58	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	405845	51.25	ug/l	96
20) Methylene Chloride	2.70	84	122053	47.93	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	115636	49.84	ug/l	97
22) Diisopropyl ether	3.57	45	393861	50.79	ug/l	96
23) Vinyl Acetate	3.53	43	1655200	238.29	ug/l	99
24) 1,1-Dichloroethane	3.45	63	225164	50.48	ug/l	99
25) 2-Butanone	4.26	43	583574	267.70	ug/l	97
26) 2,2-Dichloropropane	4.23	77	219038	51.71	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	134572	50.45	ug/l	98
28) Bromochloromethane	4.55	49	96392	49.06	ug/l	83
29) Tetrahydrofuran	4.63	42	305654	226.42	ug/l	97
30) Chloroform	4.68	83	235669	52.20	ug/l	99
31) Cyclohexane	5.00	56	206921	52.33	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	215811	51.69	ug/l	97
36) 1,1-Dichloropropene	5.14	75	176537	55.11	ug/l	98
37) Ethyl Acetate	4.38	43	180438	51.68	ug/l	97
38) Carbon Tetrachloride	5.14	117	196155	55.68	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	220131	55.07	ug/l	96
40) Benzene	5.39	78	496098	54.35	ug/l	100
41) Methacrylonitrile	4.54	41	101908	54.14	ug/l	99
42) 1,2-Dichloroethane	5.41	62	204479	58.82	ug/l	98
43) Isopropyl Acetate	5.55	43	298247	49.42	ug/l	98
44) Trichloroethene	6.19	130	137392	52.89	ug/l	97
45) 1,2-Dichloropropane	6.44	63	131126	53.84	ug/l	95
46) Dibromomethane	6.56	93	94453	55.21	ug/l	96
47) Bromodichloromethane	6.76	83	183721	53.93	ug/l	97
48) Methyl methacrylate	6.62	41	154859	52.70	ug/l	99
49) 1,4-Dioxane	6.62	88	68220	1187.03	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	930726	245.47	ug/l	98
52) Toluene	7.64	92	319493	54.40	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	202861	53.03	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	210615	51.67	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	129195	54.12	ug/l	97
56) Ethyl methacrylate	8.02	69	201113	50.34	ug/l	98
57) 1,3-Dichloropropane	8.25	76	220894	54.85	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	66852	43.67	ug/l	97
59) 2-Hexanone	8.36	43	826518	267.01	ug/l	100
60) Dibromochloromethane	8.48	129	150956	50.71	ug/l	100
61) 1,2-Dibromoethane	8.59	107	143355	53.95	ug/l	99
64) Tetrachloroethene	8.23	164	132738	54.80	ug/l	99
65) Chlorobenzene	9.12	112	364377	55.98	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	135623	54.84	ug/l	97
67) Ethyl Benzene	9.25	91	643468	56.39	ug/l	98
68) m/p-Xylenes	9.38	106	498191	113.69	ug/l	99
69) o-Xylene	9.78	106	244726	56.43	ug/l	97
70) Styrene	9.80	104	396025	55.57	ug/l	99
71) Bromoform	9.96	173	118182	50.28	ug/l #	98
73) Isopropylbenzene	10.17	105	670843	53.56	ug/l	99
74) N-amyl acetate	10.01	43	277009	46.50	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	212203	50.56	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	194406m	54.13	ug/l	
77) Bromobenzene	10.45	156	169304	53.40	ug/l	95
78) n-propylbenzene	10.59	91	773094	52.40	ug/l	96
79) 2-Chlorotoluene	10.66	91	465294	53.48	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	591476	54.49	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	71458m	46.05	ug/l	
82) 4-Chlorotoluene	10.77	91	542467	53.57	ug/l	99
83) tert-Butylbenzene	11.10	119	574665	55.03	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	597297	53.99	ug/l	100
85) sec-Butylbenzene	11.33	105	712278	54.50	ug/l	98
86) p-Isopropyltoluene	11.48	119	641582	54.81	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	317918	54.27	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	324857	55.10	ug/l	99
89) n-Butylbenzene	11.89	91	541805	52.13	ug/l	96
90) Hexachloroethane	12.15	117	108617	47.56	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	328859	56.05	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	56162	48.50	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	226655	62.56	ug/l	99
94) Hexachlorobutadiene	13.70	225	119694	58.69	ug/l	98
95) Naphthalene	13.74	128	680963	56.68	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	229522	63.57	ug/l	99

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

