

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025109.D
 Acq On : 01 Jul 2018 00:04
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:16:45 PM

Quant Time: Jul 02 07:49:51 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	166978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	251567	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	240654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147016	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	123398	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
35) Dibromofluoromethane	4.89	113	101209	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
50) Toluene-d8	7.57	98	327413	42.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.98%	
62) 4-Bromofluorobenzene	10.31	95	141971	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	87371	41.80	ug/l	99
3) Chloromethane	1.33	50	100058	46.86	ug/l	99
4) Vinyl Chloride	1.40	62	105412	47.87	ug/l	100
5) Bromomethane	1.61	94	62166	58.40	ug/l	99
6) Chloroethane	1.69	64	67637	55.07	ug/l	99
7) Trichlorofluoromethane	1.88	101	169941	50.57	ug/l	100
8) Diethyl Ether	2.10	74	64886	57.00	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	99469	47.71	ug/l	97
10) Methyl Iodide	2.41	142	103816	57.90	ug/l	98
11) Tert butyl alcohol	2.82	59	179570	270.85	ug/l	100
12) 1,1-Dichloroethene	2.28	96	91865	48.32	ug/l	96
13) Acrolein	2.19	56	54714	157.16	ug/l	100
14) Allyl chloride	2.59	41	157147	44.52	ug/l	99
15) Acrylonitrile	2.93	53	341046	264.40	ug/l	99
16) Acetone	2.32	43	334092	228.10	ug/l	98
17) Carbon Disulfide	2.48	76	257817	42.35	ug/l	100
18) Methyl Acetate	2.62	43	203976	64.96	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	376855	52.73	ug/l	95
20) Methylene Chloride	2.70	84	115305	50.17	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	105229	50.25	ug/l	97
22) Diisopropyl ether	3.57	45	360902	51.57	ug/l	95
23) Vinyl Acetate	3.53	43	1485430	236.96	ug/l	99
24) 1,1-Dichloroethane	3.45	63	206511	51.30	ug/l	99
25) 2-Butanone	4.26	43	502850	255.60	ug/l	97
26) 2,2-Dichloropropane	4.23	77	132941	34.78	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	127279	52.87	ug/l	97
28) Bromochloromethane	4.55	49	78715	44.39	ug/l	88
29) Tetrahydrofuran	4.63	42	317801	260.85	ug/l	97
30) Chloroform	4.68	83	217790	53.45	ug/l	98
31) Cyclohexane	5.00	56	180461	50.50	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	197457	52.40	ug/l	97
36) 1,1-Dichloropropene	5.14	75	153086	51.79	ug/l	97
37) Ethyl Acetate	4.38	43	180165	55.92	ug/l	98
38) Carbon Tetrachloride	5.14	117	176604	54.33	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	184919	50.13	ug/l	96
40) Benzene	5.39	78	453391	53.83	ug/l	100
41) Methacrylonitrile	4.54	41	101056	58.17	ug/l	98
42) 1,2-Dichloroethane	5.41	62	188995	58.91	ug/l	99
43) Isopropyl Acetate	5.55	43	287090	51.55	ug/l	98
44) Trichloroethene	6.19	130	127007	52.98	ug/l	95
45) 1,2-Dichloropropane	6.44	63	120278	53.52	ug/l	100
46) Dibromomethane	6.56	93	86821	55.00	ug/l	95
47) Bromodichloromethane	6.76	83	169158	53.81	ug/l	99
48) Methyl methacrylate	6.62	41	150878	55.64	ug/l	98
49) 1,4-Dioxane	6.62	88	73253	1381.23	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	955182	272.99	ug/l	97
52) Toluene	7.64	92	292921	54.05	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	173506	49.15	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	181631	48.28	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	121218	55.03	ug/l	97
56) Ethyl methacrylate	8.02	69	192776	52.29	ug/l	99
57) 1,3-Dichloropropane	8.25	76	207339	55.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	340271	240.90	ug/l	95
59) 2-Hexanone	8.36	43	770631	269.78	ug/l	99
60) Dibromochloromethane	8.48	129	139469	50.77	ug/l	99
61) 1,2-Dibromoethane	8.59	107	134518	54.86	ug/l	100
64) Tetrachloroethene	8.23	164	132918	58.11	ug/l	99
65) Chlorobenzene	9.12	112	334491	54.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	125605	53.78	ug/l	99
67) Ethyl Benzene	9.25	91	579437	53.76	ug/l	100
68) m/p-Xylenes	9.38	106	450753	108.91	ug/l	97
69) o-Xylene	9.78	106	225381	55.03	ug/l	96
70) Styrene	9.80	104	361511	53.71	ug/l	99
71) Bromoform	9.96	173	109845	49.48	ug/l #	99
73) Isopropylbenzene	10.17	105	605009	53.60	ug/l	99
74) N-amyl acetate	10.01	43	256122	47.71	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	204344	54.02	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	187405m	57.90	ug/l	
77) Bromobenzene	10.45	156	155749	54.50	ug/l	94
78) n-propylbenzene	10.59	91	683271	51.39	ug/l	97
79) 2-Chlorotoluene	10.66	91	415381	52.98	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	516743	52.82	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	61164m	43.73	ug/l	
82) 4-Chlorotoluene	10.78	91	479050	52.49	ug/l	100
83) tert-Butylbenzene	11.10	119	505693	53.74	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	526907	52.85	ug/l	100
85) sec-Butylbenzene	11.33	105	615401	52.24	ug/l	98
86) p-Isopropyltoluene	11.48	119	545863	51.74	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	279094	52.87	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	281863	53.05	ug/l	100
89) n-Butylbenzene	11.89	91	439992	46.98	ug/l	97
90) Hexachloroethane	12.15	117	96650	46.96	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	291127	55.06	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	53469	51.23	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	181310	55.52	ug/l	99
94) Hexachlorobutadiene	13.70	225	93487	50.87	ug/l	97
95) Naphthalene	13.74	128	598693	55.31	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	189397	58.21	ug/l	99

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

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