

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024865.D
 Acq On : 25 Jun 2018 11:03
 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
 6/27/2018 11:18:47 AM

Quant Time: Jun 26 05:23:19 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	184329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	275387	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	262571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	159288	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	141491	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	4.89	113	115473	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	7.57	98	386485	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
62) 4-Bromofluorobenzene	10.31	95	156225	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	96797	41.95	ug/l	96
3) Chloromethane	1.33	50	95878	40.68	ug/l	99
4) Vinyl Chloride	1.40	62	103200	42.45	ug/l	99
5) Bromomethane	1.63	94	60067	51.11	ug/l	100
6) Chloroethane	1.70	64	68567	50.49	ug/l	98
7) Trichlorofluoromethane	1.89	101	175951	47.43	ug/l	97
8) Diethyl Ether	2.10	74	66565	52.83	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	105150	45.69	ug/l	98
10) Methyl Iodide	2.41	142	90377	46.78	ug/l	99
11) Tert butyl alcohol	2.83	59	140852	192.46	ug/l	100
12) 1,1-Dichloroethene	2.28	96	92766	44.20	ug/l	95
13) Acrolein	2.20	56	50812	132.21	ug/l	98
14) Allyl chloride	2.60	41	183338	47.05	ug/l	93
15) Acrylonitrile	2.94	53	313141	219.91	ug/l	99
16) Acetone	2.32	43	419249	259.30	ug/l	98
17) Carbon Disulfide	2.48	76	259570	38.62	ug/l	100
18) Methyl Acetate	2.62	43	172368	49.73	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	389178	49.33	ug/l	95
20) Methylene Chloride	2.70	84	112412	44.31	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	103705	44.86	ug/l	96
22) Diisopropyl ether	3.57	45	371683	48.11	ug/l	94
23) Vinyl Acetate	3.53	43	1620835	234.22	ug/l	99
24) 1,1-Dichloroethane	3.45	63	207468	46.68	ug/l	99
25) 2-Butanone	4.26	43	511500	235.52	ug/l	96
26) 2,2-Dichloropropane	4.23	77	195808	46.40	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	125931	47.38	ug/l	100
28) Bromochloromethane	4.55	49	95825	48.95	ug/l	88
29) Tetrahydrofuran	4.63	42	287501	213.77	ug/l	96
30) Chloroform	4.68	83	219017	48.69	ug/l	99
31) Cyclohexane	5.00	56	182516	46.09	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	195755	47.06	ug/l	96
36) 1,1-Dichloropropene	5.14	75	152820	47.22	ug/l	97
37) Ethyl Acetate	4.38	43	174232	49.40	ug/l	97
38) Carbon Tetrachloride	5.14	117	178142	50.06	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	190173	47.09	ug/l	96
40) Benzene	5.39	78	448231	48.61	ug/l	99
41) Methacrylonitrile	4.54	41	97131	51.08	ug/l	98
42) 1,2-Dichloroethane	5.41	62	185371	52.78	ug/l	100
43) Isopropyl Acetate	5.55	43	283432	46.49	ug/l	98
44) Trichloroethene	6.19	130	126641	48.26	ug/l	95
45) 1,2-Dichloropropane	6.44	63	124189	50.48	ug/l	98
46) Dibromomethane	6.56	93	89920	52.03	ug/l	96
47) Bromodichloromethane	6.76	83	176764	51.37	ug/l	99
48) Methyl methacrylate	6.62	41	142922	48.14	ug/l	98
49) 1,4-Dioxane	6.63	88	62520	1076.88	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	896792	234.14	ug/l	98
52) Toluene	7.64	92	293359	49.45	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	195100	50.48	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	202444	49.16	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	124775	51.74	ug/l	98
56) Ethyl methacrylate	8.02	69	201235	49.86	ug/l	99
57) 1,3-Dichloropropane	8.25	76	209152	51.42	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	226883	146.73	ug/l	94
59) 2-Hexanone	8.36	43	739065	236.35	ug/l	99
60) Dibromochloromethane	8.48	129	148489	49.38	ug/l	99
61) 1,2-Dibromoethane	8.59	107	134865	50.25	ug/l	98
64) Tetrachloroethene	8.23	164	112676	45.15	ug/l	96
65) Chlorobenzene	9.12	112	335672	50.04	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	130122	51.06	ug/l	98
67) Ethyl Benzene	9.25	91	576443	49.02	ug/l	98
68) m/p-Xylenes	9.38	106	452325	100.17	ug/l	97
69) o-Xylene	9.78	106	222207	49.72	ug/l	95
70) Styrene	9.80	104	365533	49.77	ug/l	99
71) Bromoform	9.96	173	120450	49.73	ug/l #	97
73) Isopropylbenzene	10.17	105	602314	49.25	ug/l	99
74) N-amyl acetate	10.01	43	264486	45.47	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	202537	49.42	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	191701m	54.66	ug/l	
77) Bromobenzene	10.45	156	153982	49.73	ug/l	96
78) n-propylbenzene	10.59	91	692454	48.07	ug/l	97
79) 2-Chlorotoluene	10.66	91	411346	48.42	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	518442	48.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	68413m	45.15	ug/l	
82) 4-Chlorotoluene	10.78	91	480813	48.63	ug/l	100
83) tert-Butylbenzene	11.10	119	521028	51.10	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	532312	49.28	ug/l	99
85) sec-Butylbenzene	11.33	105	626263	49.07	ug/l	98
86) p-Isopropyltoluene	11.48	119	562217	49.18	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	286050	50.01	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	288161	50.05	ug/l	99
89) n-Butylbenzene	11.89	91	479617	47.26	ug/l	96
90) Hexachloroethane	12.15	117	101886	45.69	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	294647	51.43	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	51620	45.65	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	204486	57.80	ug/l	99
94) Hexachlorobutadiene	13.70	225	103521	51.99	ug/l	99
95) Naphthalene	13.74	128	650452	55.46	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	212579	60.30	ug/l	99

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

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