

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062318\
 Data File : VU024863.D
 Acq On : 23 Jun 2018 03:54
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 6/26/2018 11:59:58 AM

Quant Time: Jun 23 05:00:12 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	169203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	264752	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	243952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	120052	43.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.92%	
35) Dibromofluoromethane	4.89	113	96846	44.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.16%	
50) Toluene-d8	7.57	98	332774	41.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.04%	
62) 4-Bromofluorobenzene	10.31	95	133930	42.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	90909	42.92	ug/l	99
3) Chloromethane	1.33	50	88001	40.67	ug/l	98
4) Vinyl Chloride	1.40	62	99206	44.46	ug/l	97
5) Bromomethane	1.62	94	53931	50.00	ug/l	100
6) Chloroethane	1.70	64	66891	53.72	ug/l	99
7) Trichlorofluoromethane	1.89	101	164216	48.22	ug/l	98
8) Diethyl Ether	2.10	74	61352	53.06	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	94565	44.76	ug/l	97
10) Methyl Iodide	2.41	142	73940	42.27	ug/l	99
11) Tert butyl alcohol	2.83	59	135511	201.71	ug/l	99
12) 1,1-Dichloroethene	2.29	96	86785	45.04	ug/l	95
13) Acrolein	2.20	56	45028	127.64	ug/l	97
14) Allyl chloride	2.60	41	167386	46.79	ug/l	92
15) Acrylonitrile	2.94	53	295935	226.41	ug/l	99
16) Acetone	2.32	43	265552	178.92	ug/l	100
17) Carbon Disulfide	2.48	76	241489	39.14	ug/l	99
18) Methyl Acetate	2.62	43	160351	50.40	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	350262	48.36	ug/l	95
20) Methylene Chloride	2.71	84	103099	44.27	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	94705	44.63	ug/l	98
22) Diisopropyl ether	3.57	45	337056	47.53	ug/l	94
23) Vinyl Acetate	3.53	43	1447081	227.80	ug/l	99
24) 1,1-Dichloroethane	3.45	63	192756	47.25	ug/l	99
25) 2-Butanone	4.26	43	427958	214.67	ug/l	98
26) 2,2-Dichloropropane	4.23	77	147990	38.20	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	117655	48.23	ug/l	97
28) Bromochloromethane	4.55	49	82309	45.81	ug/l	84
29) Tetrahydrofuran	4.64	42	272585	220.80	ug/l	96
30) Chloroform	4.68	83	205132	49.68	ug/l	96
31) Cyclohexane	5.00	56	171844	47.33	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	185601	48.61	ug/l	96
36) 1,1-Dichloropropene	5.14	75	140861	45.28	ug/l	98
37) Ethyl Acetate	4.38	43	164639	48.55	ug/l	98
38) Carbon Tetrachloride	5.14	117	166814	48.76	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	171852	44.27	ug/l	95
40) Benzene	5.39	78	418490	47.21	ug/l	100
41) Methacrylonitrile	4.54	41	91180	49.87	ug/l	99
42) 1,2-Dichloroethane	5.41	62	172589	51.12	ug/l	99
43) Isopropyl Acetate	5.55	43	265233	45.25	ug/l	99
44) Trichloroethene	6.19	130	116029	45.99	ug/l	95
45) 1,2-Dichloropropane	6.44	63	112934	47.75	ug/l	99
46) Dibromomethane	6.56	93	80791	48.63	ug/l	94
47) Bromodichloromethane	6.76	83	158823	48.01	ug/l	99
48) Methyl methacrylate	6.63	41	132947	46.58	ug/l	98
49) 1,4-Dioxane	6.62	88	59473	1065.55	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	855782	232.41	ug/l	98
52) Toluene	7.64	92	272755	47.82	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	166036	44.69	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	176466	44.57	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	112318	48.45	ug/l	97
56) Ethyl methacrylate	8.02	69	182323	46.99	ug/l	98
57) 1,3-Dichloropropane	8.25	76	191904	49.07	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	279024	187.70	ug/l	96
59) 2-Hexanone	8.36	43	673517	224.04	ug/l	100
60) Dibromochloromethane	8.48	129	133137	46.05	ug/l	100
61) 1,2-Dibromoethane	8.59	107	122428	47.45	ug/l	98
64) Tetrachloroethene	8.23	164	113445	48.92	ug/l	99
65) Chlorobenzene	9.12	112	308879	49.56	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	117686	49.70	ug/l	99
67) Ethyl Benzene	9.25	91	535263	48.99	ug/l	99
68) m/p-Xylenes	9.38	106	415692	99.08	ug/l	97
69) o-Xylene	9.78	106	203907	49.11	ug/l	99
70) Styrene	9.80	104	339820	49.80	ug/l	98
71) Bromoform	9.96	173	105029	46.67	ug/l #	98
73) Isopropylbenzene	10.17	105	560360	48.69	ug/l	99
74) N-amyl acetate	10.01	43	246126	44.96	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	186522	48.37	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	184293m	55.84	ug/l	
77) Bromobenzene	10.45	156	143376	49.21	ug/l	94
78) n-propylbenzene	10.59	91	635701	46.89	ug/l	97
79) 2-Chlorotoluene	10.66	91	380458	47.59	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	483504	48.47	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	52911m	37.11	ug/l	
82) 4-Chlorotoluene	10.78	91	444779	47.80	ug/l	100
83) tert-Butylbenzene	11.10	119	478831	49.90	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	492489	48.45	ug/l	100
85) sec-Butylbenzene	11.33	105	576643	48.01	ug/l	97
86) p-Isopropyltoluene	11.48	119	510212	47.43	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	264199	49.08	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	262466	48.45	ug/l	99
89) n-Butylbenzene	11.89	91	428502	44.87	ug/l	97
90) Hexachloroethane	12.15	117	89157	42.49	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	273519	50.73	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	51756	48.64	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	185347	55.67	ug/l	99
94) Hexachlorobutadiene	13.70	225	91020	48.57	ug/l	98
95) Naphthalene	13.74	128	618720	56.05	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	197512	59.54	ug/l	99

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

