

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024800.D
 Acq On : 21 Jun 2018 10:25
 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
 6/22/2018 4:01:52 PM

Quant Time: Jun 21 15:27:42 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	180567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	267236	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	255554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	159152	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	128385	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	
35) Dibromofluoromethane	4.89	113	103790	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
50) Toluene-d8	7.57	98	375650	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
62) 4-Bromofluorobenzene	10.31	95	150874	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	88758	39.27	ug/l	100
3) Chloromethane	1.33	50	96350	41.73	ug/l	100
4) Vinyl Chloride	1.40	62	104036	43.69	ug/l	99
5) Bromomethane	1.62	94	66592	57.85	ug/l	100
6) Chloroethane	1.70	64	65239	49.01	ug/l	98
7) Trichlorofluoromethane	1.89	101	171919	47.31	ug/l	99
8) Diethyl Ether	2.10	74	62284	50.38	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	99641	44.20	ug/l	97
10) Methyl Iodide	2.41	142	91846	48.33	ug/l	99
11) Tert butyl alcohol	2.82	59	130689	182.29	ug/l	99
12) 1,1-Dichloroethene	2.28	96	92967	45.22	ug/l	90
13) Acrolein	2.19	56	129843	344.89	ug/l	98
14) Allyl chloride	2.59	41	174417	45.69	ug/l	93
15) Acrylonitrile	2.93	53	301976	216.49	ug/l	99
16) Acetone	2.32	43	372368	235.10	ug/l	98
17) Carbon Disulfide	2.48	76	272768	41.43	ug/l	99
18) Methyl Acetate	2.62	43	153161	45.11	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	346444	44.83	ug/l	97
20) Methylene Chloride	2.70	84	105932	42.63	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	102561	45.29	ug/l	96
22) Diisopropyl ether	3.57	45	349623	46.20	ug/l	96
23) Vinyl Acetate	3.53	43	1517038	223.79	ug/l	99
24) 1,1-Dichloroethane	3.45	63	193963	44.55	ug/l	98
25) 2-Butanone	4.26	43	483118	227.09	ug/l	96
26) 2,2-Dichloropropane	4.23	77	186578	45.13	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	120009	46.10	ug/l	99
28) Bromochloromethane	4.55	49	85598	44.64	ug/l	86
29) Tetrahydrofuran	4.63	42	282286	214.26	ug/l	97
30) Chloroform	4.68	83	207002	46.98	ug/l	99
31) Cyclohexane	5.00	56	186501	48.17	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	188956	46.37	ug/l	96
36) 1,1-Dichloropropene	5.14	75	151157	48.14	ug/l	97
37) Ethyl Acetate	4.38	43	167611	48.97	ug/l	98
38) Carbon Tetrachloride	5.14	117	170052	49.24	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	198606	50.68	ug/l	95
40) Benzene	5.39	78	444831	49.71	ug/l	99
41) Methacrylonitrile	4.54	41	93208	50.51	ug/l	98
42) 1,2-Dichloroethane	5.41	62	174366	51.16	ug/l	100
43) Isopropyl Acetate	5.55	43	272790	46.11	ug/l	99
44) Trichloroethene	6.19	130	123322	48.43	ug/l	96
45) 1,2-Dichloropropane	6.44	63	119030	49.86	ug/l	97
46) Dibromomethane	6.56	93	85683	51.09	ug/l	96
47) Bromodichloromethane	6.76	83	162076	48.53	ug/l	99
48) Methyl methacrylate	6.62	41	137814	47.84	ug/l	97
49) 1,4-Dioxane	6.62	88	61088	1084.31	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	867762	233.47	ug/l	98
52) Toluene	7.64	92	288460	50.11	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	183983	49.06	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	193263	48.36	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	117952	50.41	ug/l	98
56) Ethyl methacrylate	8.02	69	185360	47.33	ug/l	99
57) 1,3-Dichloropropane	8.25	76	199678	50.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	383167	255.36	ug/l	96
59) 2-Hexanone	8.36	43	715673	235.85	ug/l	99
60) Dibromochloromethane	8.48	129	137253	47.04	ug/l	99
61) 1,2-Dibromoethane	8.59	107	129124	49.58	ug/l	98
64) Tetrachloroethene	8.23	164	114423	47.10	ug/l	97
65) Chlorobenzene	9.12	112	331718	50.81	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	122657	49.45	ug/l	97
67) Ethyl Benzene	9.25	91	571176	49.91	ug/l	97
68) m/p-Xylenes	9.38	106	454661	103.45	ug/l	96
69) o-Xylene	9.78	106	219858	50.55	ug/l	95
70) Styrene	9.80	104	355135	49.69	ug/l	99
71) Bromoform	9.96	173	108797	46.15	ug/l #	98
73) Isopropylbenzene	10.17	105	596906	48.85	ug/l	98
74) N-amyl acetate	10.01	43	258699	44.51	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	190654	46.56	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	163387m	46.63	ug/l	
77) Bromobenzene	10.45	156	151435	48.95	ug/l	95
78) n-propylbenzene	10.59	91	696775	48.41	ug/l	97
79) 2-Chlorotoluene	10.66	91	411330	48.46	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	523652	49.44	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	62879m	41.53	ug/l	
82) 4-Chlorotoluene	10.78	91	480993	48.69	ug/l	100
83) tert-Butylbenzene	11.10	119	516552	50.70	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	535674	49.63	ug/l	99
85) sec-Butylbenzene	11.33	105	635149	49.81	ug/l	97
86) p-Isopropyltoluene	11.48	119	570627	49.96	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	284072	49.71	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	288245	50.11	ug/l	99
89) n-Butylbenzene	11.89	91	504198	49.73	ug/l	98
90) Hexachloroethane	12.15	117	98841	44.36	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	286358	50.02	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	50745	44.91	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	209081	59.15	ug/l	100
94) Hexachlorobutadiene	13.70	225	108120	54.34	ug/l	99
95) Naphthalene	13.74	128	646464	55.17	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	213682	60.66	ug/l	100

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

