

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024798.D
 Acq On : 21 Jun 2018 08:30
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 6/21/2018 1:45:17 PM

Quant Time: Jun 21 09:58:25 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	172074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	269669	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	260101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	163357	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	127200	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
35) Dibromofluoromethane	4.89	113	102118	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	
50) Toluene-d8	7.57	98	365940	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
62) 4-Bromofluorobenzene	10.31	95	147185	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	93069	43.21	ug/l	97
3) Chloromethane	1.33	50	100481	45.66	ug/l	99
4) Vinyl Chloride	1.40	62	106244	46.82	ug/l	99
5) Bromomethane	1.62	94	70396	64.17	ug/l	97
6) Chloroethane	1.70	64	69634	55.02	ug/l	100
7) Trichlorofluoromethane	1.89	101	176541	50.98	ug/l	100
8) Diethyl Ether	2.10	74	67315	57.39	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	95907	44.64	ug/l	96
10) Methyl Iodide	2.41	142	95796	52.40	ug/l	100
11) Tert butyl alcohol	2.82	59	152498	223.21	ug/l	100
12) 1,1-Dichloroethene	2.28	96	94045	48.00	ug/l	93
13) Acrolein	2.19	56	78176	217.90	ug/l	97
14) Allyl chloride	2.59	41	155609	42.77	ug/l	98
15) Acrylonitrile	2.94	53	330877	248.92	ug/l	98
16) Acetone	2.32	43	292043	193.49	ug/l	100
17) Carbon Disulfide	2.48	76	280854	44.77	ug/l	100
18) Methyl Acetate	2.62	43	176344	54.50	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	367344	49.88	ug/l	98
20) Methylene Chloride	2.70	84	114240	48.24	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	104801	48.56	ug/l	97
22) Diisopropyl ether	3.57	45	359592	49.86	ug/l	95
23) Vinyl Acetate	3.53	43	1536067	237.78	ug/l	99
24) 1,1-Dichloroethane	3.45	63	205326	49.49	ug/l	99
25) 2-Butanone	4.26	43	478375	235.96	ug/l	97
26) 2,2-Dichloropropane	4.23	77	122630	31.13	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	124551	50.20	ug/l	95
28) Bromochloromethane	4.55	49	83794	45.86	ug/l	88
29) Tetrahydrofuran	4.63	42	310640	247.42	ug/l	96
30) Chloroform	4.68	83	215581	51.34	ug/l	99
31) Cyclohexane	5.00	56	190608	51.81	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	195821	50.43	ug/l	97
36) 1,1-Dichloropropene	5.14	75	156059	49.25	ug/l	98
37) Ethyl Acetate	4.38	43	184612	53.45	ug/l	98
38) Carbon Tetrachloride	5.14	117	177006	50.80	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	190517	48.18	ug/l	95
40) Benzene	5.39	78	455055	50.40	ug/l	100
41) Methacrylonitrile	4.54	41	101547	54.53	ug/l	99
42) 1,2-Dichloroethane	5.41	62	180249	52.41	ug/l	100
43) Isopropyl Acetate	5.55	43	292495	48.99	ug/l	99
44) Trichloroethene	6.19	130	128562	50.03	ug/l	96
45) 1,2-Dichloropropane	6.44	63	123586	51.30	ug/l	99
46) Dibromomethane	6.56	93	88785	52.46	ug/l	95
47) Bromodichloromethane	6.76	83	170768	50.68	ug/l	99
48) Methyl methacrylate	6.62	41	149335	51.37	ug/l	98
49) 1,4-Dioxane	6.62	88	68449	1204.01	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	944640	251.86	ug/l	99
52) Toluene	7.64	92	296813	51.09	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	177822	46.99	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	185814	46.08	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	123369	52.24	ug/l	95
56) Ethyl methacrylate	8.02	69	195265	49.41	ug/l	99
57) 1,3-Dichloropropane	8.25	76	210180	52.76	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	337701	223.03	ug/l	96
59) 2-Hexanone	8.36	43	752465	245.74	ug/l	100
60) Dibromochloromethane	8.48	129	142973	48.55	ug/l	100
61) 1,2-Dibromoethane	8.59	107	135479	51.55	ug/l	99
64) Tetrachloroethene	8.23	164	129941	52.56	ug/l	97
65) Chlorobenzene	9.12	112	341866	51.45	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	127432	50.48	ug/l	98
67) Ethyl Benzene	9.25	91	585624	50.27	ug/l	96
68) m/p-Xylenes	9.38	106	458822	102.58	ug/l	98
69) o-Xylene	9.78	106	228408	51.60	ug/l	96
70) Styrene	9.80	104	369657	50.81	ug/l	99
71) Bromoform	9.96	173	115299	48.05	ug/l #	98
73) Isopropylbenzene	10.17	105	610487	48.68	ug/l	99
74) N-amyl acetate	10.01	43	272601	45.70	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	205537	48.90	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	172593m	47.99	ug/l	
77) Bromobenzene	10.45	156	156725	49.36	ug/l	94
78) n-propylbenzene	10.59	91	701847	47.50	ug/l	97
79) 2-Chlorotoluene	10.66	91	417590	47.93	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	534731	49.19	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	58313m	37.53	ug/l	
82) 4-Chlorotoluene	10.78	91	487300	48.05	ug/l	99
83) tert-Butylbenzene	11.10	119	519151	49.65	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	547449	49.42	ug/l	100
85) sec-Butylbenzene	11.33	105	634445	48.47	ug/l	98
86) p-Isopropyltoluene	11.48	119	572713	48.85	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	288625	49.20	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	292931	49.61	ug/l	99
89) n-Butylbenzene	11.89	91	472508	45.40	ug/l	97
90) Hexachloroethane	12.15	117	101048	44.19	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	300620	51.16	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	58232	50.21	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	208347	57.42	ug/l	99
94) Hexachlorobutadiene	13.70	225	102200	50.04	ug/l	99
95) Naphthalene	13.74	128	693809	57.66	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	217813	60.25	ug/l	99

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

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