

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100118\
 Data File : VU027333.D
 Acq On : 01 Oct 2018 21:06
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/3/2018 11:41:48 AM

Quant Time: Oct 02 08:13:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	114384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	195524	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	186716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	92784	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	93354	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
35) Dibromofluoromethane	4.88	113	65843	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	7.57	98	255479	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	10.31	95	94391	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	87286	52.930	ug/l	100
3) Chloromethane	1.33	50	104734	46.911	ug/l	98
4) Vinyl Chloride	1.40	62	105735	50.380	ug/l	98
5) Bromomethane	1.61	94	41915	46.155	ug/l	98
6) Chloroethane	1.69	64	58849	46.663	ug/l	98
7) Trichlorofluoromethane	1.88	101	109885	51.602	ug/l	99
8) Diethyl Ether	2.10	74	49194	50.150	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	63410	51.275	ug/l	98
10) Methyl Iodide	2.41	142	36403	36.364	ug/l	99
11) Tert butyl alcohol	2.83	59	101356	251.993	ug/l	98
12) 1,1-Dichloroethene	2.28	96	59491	49.238	ug/l	95
13) Acrolein	2.19	56	79257	234.834	ug/l	99
14) Allyl chloride	2.59	41	141768	49.411	ug/l	98
15) Acrylonitrile	2.94	53	278876	266.392	ug/l	100
16) Acetone	2.32	43	246406	218.375	ug/l	100
17) Carbon Disulfide	2.48	76	205030	47.051	ug/l	99
18) Methyl Acetate	2.62	43	134521	52.260	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	246342	50.884	ug/l	99
20) Methylene Chloride	2.70	84	76554	48.706	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	66834	49.270	ug/l	96
22) Diisopropyl ether	3.57	45	305999	52.473	ug/l	99
23) Vinyl Acetate	3.52	43	1354921	266.048	ug/l	99
24) 1,1-Dichloroethane	3.45	63	155703	51.937	ug/l	99
25) 2-Butanone	4.26	43	400660	260.389	ug/l	100
26) 2,2-Dichloropropane	4.23	77	113036	45.887	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	77640	50.049	ug/l	99
28) Bromochloromethane	4.55	49	77231	53.397	ug/l	99
29) Tetrahydrofuran	4.64	42	263003	271.219	ug/l	99
30) Chloroform	4.67	83	138272	51.913	ug/l	100
31) Cyclohexane	5.00	56	145423	47.460	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	114482	51.034	ug/l	99
36) 1,1-Dichloropropene	5.14	75	104847	49.387	ug/l	99
37) Ethyl Acetate	4.38	43	146318	53.329	ug/l	98
38) Carbon Tetrachloride	5.13	117	95733	49.921	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	122694	49.441	ug/l	100
40) Benzene	5.39	78	311455	50.365	ug/l	100
41) Methacrylonitrile	4.54	41	82556	53.235	ug/l	98
42) 1,2-Dichloroethane	5.40	62	118996	51.841	ug/l	100
43) Isopropyl Acetate	5.55	43	228893	53.715	ug/l	100
44) Trichloroethene	6.19	130	68395	49.601	ug/l	99
45) 1,2-Dichloropropane	6.43	63	92940	52.107	ug/l	96
46) Dibromomethane	6.56	93	53055	52.667	ug/l	99
47) Bromodichloromethane	6.76	83	107460	51.409	ug/l	99
48) Methyl methacrylate	6.62	41	115340	54.429	ug/l	99
49) 1,4-Dioxane	6.61	88	37832	1037.623	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	766985	276.988	ug/l	99
52) Toluene	7.64	92	188107	51.392	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	125761	51.314	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	135271	51.342	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	75117	51.762	ug/l	100
56) Ethyl methacrylate	8.02	69	132240	47.694	ug/l	98
57) 1,3-Dichloropropane	8.24	76	144368	51.245	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	370533	243.026	ug/l	100
59) 2-Hexanone	8.36	43	585751	272.697	ug/l	99
60) Dibromochloromethane	8.48	129	75911	52.155	ug/l	98
61) 1,2-Dibromoethane	8.59	107	79139	51.290	ug/l	100
64) Tetrachloroethene	8.23	164	56898	48.951	ug/l	99
65) Chlorobenzene	9.12	112	190634	48.505	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	69190	50.996	ug/l	98
67) Ethyl Benzene	9.25	91	352195	50.579	ug/l	99
68) m/p-Xylenes	9.38	106	260705	102.355	ug/l	100
69) o-Xylene	9.78	106	127464	52.661	ug/l	98
70) Styrene	9.79	104	209104	46.390	ug/l	99
71) Bromoform	9.96	173	55435	50.783	ug/l #	99
73) Isopropylbenzene	10.17	105	341632	50.697	ug/l	99
74) N-amyl acetate	10.02	43	205142	53.176	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	133480	50.445	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	120397m	50.057	ug/l	
77) Bromobenzene	10.45	156	77870	49.722	ug/l	99
78) n-propylbenzene	10.59	91	413352	51.047	ug/l	100
79) 2-Chlorotoluene	10.66	91	242408	49.581	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	283771	51.723	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	35484m	38.611	ug/l	
82) 4-Chlorotoluene	10.77	91	279203	50.322	ug/l	100
83) tert-Butylbenzene	11.10	119	269474	50.807	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	292200	52.139	ug/l	99
85) sec-Butylbenzene	11.32	105	344481	51.548	ug/l	99
86) p-Isopropyltoluene	11.48	119	295405	51.628	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	142170	47.941	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	144384	47.646	ug/l	100
89) n-Butylbenzene	11.89	91	275152	45.498	ug/l	100
90) Hexachloroethane	12.15	117	53689	49.780	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	142496	49.365	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	30379	51.803	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	94458	50.572	ug/l	99
94) Hexachlorobutadiene	13.69	225	45161	47.856	ug/l	100
95) Naphthalene	13.74	128	331530	47.353	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	96759	49.724	ug/l	98

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

