

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110218\
 Data File : VU027906.D
 Acq On : 01 Nov 2018 19:35
 Operator : MD/SY
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/2/2018 9:00:14 AM

Quant Time: Nov 02 01:07:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 01:48:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	171891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	298572	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	281605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	140104	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	127763	44.93	ug/l	0.00
Spiked Amount			Recovery	=	89.86%	
35) Dibromofluoromethane	4.88	113	93257	45.94	ug/l	0.00
Spiked Amount			Recovery	=	91.88%	
50) Toluene-d8	7.57	98	364435	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	10.31	95	133685	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	125116	51.594	ug/l	100
3) Chloromethane	1.33	50	142896	44.136	ug/l	100
4) Vinyl Chloride	1.40	62	141749	46.243	ug/l	100
5) Bromomethane	1.61	94	54271	41.091	ug/l	100
6) Chloroethane	1.69	64	80963	43.803	ug/l	100
7) Trichlorofluoromethane	1.88	101	164484	51.629	ug/l	100
8) Diethyl Ether	2.11	74	68556	47.349	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.29	101	98112	52.868	ug/l	100
10) Methyl Iodide	2.41	142	77579	56.803	ug/l	100
11) Tert butyl alcohol	2.83	59	178113	284.561	ug/l	100
12) 1,1-Dichloroethene	2.28	96	95370	52.585	ug/l	100
13) Acrolein	2.20	56	61464	134.739	ug/l	100
14) Allyl chloride	2.59	41	226470	52.620	ug/l	100
15) Acrylonitrile	2.94	53	457992	286.148	ug/l	100
16) Acetone	2.32	43	401838	240.169	ug/l	100
17) Carbon Disulfide	2.48	76	316072	48.767	ug/l	100
18) Methyl Acetate	2.62	43	224790	56.712	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	388558	53.261	ug/l	100
20) Methylene Chloride	2.70	84	123254	52.025	ug/l	100
21) trans-1,2-Dichloroethene	2.98	96	110137	53.669	ug/l	100
22) Diisopropyl ether	3.58	45	488520	55.311	ug/l	100
23) Vinyl Acetate	3.53	43	2166848	281.077	ug/l	100
24) 1,1-Dichloroethane	3.45	63	239234	53.100	ug/l	100
25) 2-Butanone	4.26	43	691257	293.340	ug/l	100
26) 2,2-Dichloropropane	4.23	77	174373	47.812	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	129148	54.839	ug/l	100
28) Bromochloromethane	4.55	49	107444	50.228	ug/l	100
29) Tetrahydrofuran	4.64	42	451173	301.306	ug/l	100
30) Chloroform	4.67	83	217416	54.082	ug/l	100
31) Cyclohexane	5.00	56	231300	44.004	ug/l	100
32) 1,1,1-Trichloroethane	4.92	97	179882	53.335	ug/l	100
36) 1,1-Dichloropropene	5.14	75	163452	50.739	ug/l	100
37) Ethyl Acetate	4.38	43	243023	56.910	ug/l	100
38) Carbon Tetrachloride	5.14	117	148023	50.898	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	199076	52.719	ug/l	100
40) Benzene	5.39	78	516798	54.331	ug/l	100
41) Methacrylonitrile	4.54	41	138937	57.710	ug/l	100
42) 1,2-Dichloroethane	5.40	62	181579	52.040	ug/l	100
43) Isopropyl Acetate	5.55	43	388401	58.743	ug/l	100
44) Trichloroethene	6.19	130	109952	52.285	ug/l	100
45) 1,2-Dichloropropane	6.43	63	148979	54.517	ug/l	100
46) Dibromomethane	6.56	93	85094	55.106	ug/l	100
47) Bromodichloromethane	6.76	83	167941	52.834	ug/l	100
48) Methyl methacrylate	6.62	41	195831	59.505	ug/l	100
49) 1,4-Dioxane	6.61	88	63795	1136.757	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	1299797	300.691	ug/l	100
52) Toluene	7.64	92	301795	53.895	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	196166	52.725	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	212771	53.152	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	120240	54.152	ug/l	100
56) Ethyl methacrylate	8.02	69	225416	60.469	ug/l	100
57) 1,3-Dichloropropane	8.24	76	224911	52.370	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	556679	272.756	ug/l	100
59) 2-Hexanone	8.36	43	1022176	304.194	ug/l	100
60) Dibromochloromethane	8.48	129	121437	54.437	ug/l	100
61) 1,2-Dibromoethane	8.59	107	134619	56.452	ug/l	100
64) Tetrachloroethene	8.23	164	92303	52.660	ug/l	100
65) Chlorobenzene	9.12	112	311040	52.327	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	108807	53.131	ug/l	100
67) Ethyl Benzene	9.25	91	579781	54.955	ug/l	100
68) m/p-Xylenes	9.38	106	422473	109.820	ug/l	100
69) o-Xylene	9.78	106	209129	56.942	ug/l	100
70) Styrene	9.79	104	348309	57.723	ug/l	100
71) Bromoform	9.96	173	92453	55.536	ug/l #	100
73) Isopropylbenzene	10.17	105	559687	54.940	ug/l	100
74) N-amyl acetate	10.01	43	354801	59.639	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	225749	55.588	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	191984m	52.852	ug/l	
77) Bromobenzene	10.45	156	132762	55.517	ug/l	100
78) n-propylbenzene	10.59	91	684014	55.818	ug/l	100
79) 2-Chlorotoluene	10.66	91	397732	53.750	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	475795	57.004	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	87452m	62.209	ug/l	
82) 4-Chlorotoluene	10.77	91	455188	54.366	ug/l	100
83) tert-Butylbenzene	11.10	119	459927	57.009	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	480875	56.609	ug/l	100
85) sec-Butylbenzene	11.32	105	581490	57.272	ug/l	100
86) p-Isopropyltoluene	11.48	119	486219	56.221	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	239585	53.291	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	241214	52.543	ug/l	100
89) n-Butylbenzene	11.89	91	477245	58.786	ug/l	100
90) Hexachloroethane	12.15	117	86053	52.931	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	243368	55.317	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	50060	56.101	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	165702	58.136	ug/l	100
94) Hexachlorobutadiene	13.69	225	77646	54.237	ug/l	100
95) Naphthalene	13.74	128	610482	62.847	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	174619	58.564	ug/l	100

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

