

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100118\
 Data File : VU027315.D
 Acq On : 01 Oct 2018 11:39
 Operator : MD/SY
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/3/2018 11:41:43 AM

Quant Time: Oct 01 23:41:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 01 23:17:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	121196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	206088	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	197944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	101978	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	192307	100.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	200.00%	
35) Dibromofluoromethane	4.88	113	138461	102.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	204.46%	
50) Toluene-d8	7.57	98	543994	102.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	205.84%	
62) 4-Bromofluorobenzene	10.31	95	203728	105.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	210.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	191527	109.613	ug/l	99
3) Chloromethane	1.33	50	238053	100.631	ug/l	100
4) Vinyl Chloride	1.40	62	236150	106.196	ug/l	100
5) Bromomethane	1.60	94	97186	101.003	ug/l	99
6) Chloroethane	1.68	64	130085	97.351	ug/l	99
7) Trichlorofluoromethane	1.88	101	231718	102.699	ug/l	99
8) Diethyl Ether	2.10	74	105809	101.802	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	134849	102.913	ug/l	99
10) Methyl Iodide	2.41	142	122567	128.496	ug/l	99
11) Tert butyl alcohol	2.83	59	211956	497.350	ug/l	99
12) 1,1-Dichloroethene	2.28	96	131007	102.334	ug/l	97
13) Acrolein	2.19	56	173892	486.274	ug/l	99
14) Allyl chloride	2.59	41	314099	103.321	ug/l	99
15) Acrylonitrile	2.94	53	567738	511.841	ug/l	99
16) Acetone	2.32	43	547488	457.935	ug/l	100
17) Carbon Disulfide	2.47	76	467289	101.207	ug/l	100
18) Methyl Acetate	2.61	43	265169	97.225	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	531662	103.648	ug/l	99
20) Methylene Chloride	2.70	84	163537	98.200	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	148089	103.034	ug/l	97
22) Diisopropyl ether	3.57	45	643511	104.147	ug/l	99
23) Vinyl Acetate	3.52	43	2871119	532.076	ug/l	100
24) 1,1-Dichloroethane	3.44	63	325557	102.491	ug/l	100
25) 2-Butanone	4.26	43	830862	509.627	ug/l	99
26) 2,2-Dichloropropane	4.23	77	260268	99.717	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	168897	102.757	ug/l	99
28) Bromochloromethane	4.55	49	152639	99.601	ug/l	99
29) Tetrahydrofuran	4.64	42	529195	515.053	ug/l	99
30) Chloroform	4.67	83	287638	101.921	ug/l	100
31) Cyclohexane	5.00	56	320234	86.210	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	246109	103.544	ug/l	100
36) 1,1-Dichloropropene	5.14	75	229367	102.504	ug/l	99
37) Ethyl Acetate	4.38	43	299794	108.651	ug/l	99
38) Carbon Tetrachloride	5.13	117	209403	103.598	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	280633	107.287	ug/l	99
40) Benzene	5.39	78	668182	102.513	ug/l	99
41) Methacrylonitrile	4.54	41	170858	104.528	ug/l	99
42) 1,2-Dichloroethane	5.40	62	248837	102.849	ug/l	99
43) Isopropyl Acetate	5.55	43	476181	106.018	ug/l	100
44) Trichloroethene	6.19	130	151008	103.900	ug/l	98
45) 1,2-Dichloropropane	6.43	63	195091	103.771	ug/l	97
46) Dibromomethane	6.56	93	112584	106.031	ug/l	99
47) Bromodichloromethane	6.76	83	230036	104.408	ug/l	100
48) Methyl methacrylate	6.62	41	244864	109.629	ug/l	99
49) 1,4-Dioxane	6.61	88	82986	2159.398	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	1565015	536.217	ug/l	99
52) Toluene	7.64	92	406801	105.445	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	283114	109.596	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	299264	107.763	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	159544	104.303	ug/l	99
56) Ethyl methacrylate	8.02	69	290957	114.615	ug/l	99
57) 1,3-Dichloropropane	8.24	76	310072	104.422	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	803331	566.471	ug/l	100
59) 2-Hexanone	8.36	43	1220756	539.192	ug/l	99
60) Dibromochloromethane	8.48	129	166384	108.455	ug/l	100
61) 1,2-Dibromoethane	8.59	107	170205	104.656	ug/l	100
64) Tetrachloroethene	8.23	164	124455	100.999	ug/l	98
65) Chlorobenzene	9.12	112	422746	101.461	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	150389	104.555	ug/l	99
67) Ethyl Benzene	9.25	91	790090	107.029	ug/l	100
68) m/p-Xylenes	9.38	106	581986	215.533	ug/l	100
69) o-Xylene	9.78	106	281723	109.791	ug/l	100
70) Styrene	9.79	104	476720	113.135	ug/l	100
71) Bromoform	9.96	173	124826	107.864	ug/l #	99
73) Isopropylbenzene	10.17	105	769014	103.829	ug/l	100
74) N-amyl acetate	10.02	43	455687	107.471	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	283737	97.564	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	243583m	85.679	ug/l	
77) Bromobenzene	10.45	156	174528	101.393	ug/l	99
78) n-propylbenzene	10.59	91	940919	105.723	ug/l	100
79) 2-Chlorotoluene	10.66	91	542071	100.876	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	644557	106.891	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	103795m	94.091	ug/l	
82) 4-Chlorotoluene	10.77	91	639016	104.790	ug/l	99
83) tert-Butylbenzene	11.10	119	619751	106.314	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	660515	107.233	ug/l	100
85) sec-Butylbenzene	11.32	105	793890	108.087	ug/l	99
86) p-Isopropyltoluene	11.48	119	683999	108.765	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	329603	101.125	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	330866	99.339	ug/l	100
89) n-Butylbenzene	11.89	91	672370	114.620	ug/l	100
90) Hexachloroethane	12.15	117	125450	105.830	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	327538	103.239	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	66881	103.766	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	227826	110.979	ug/l	99
94) Hexachlorobutadiene	13.69	225	109118	105.204	ug/l	99
95) Naphthalene	13.74	128	775779	112.717	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	227943	106.578	ug/l	99

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

