

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
 Data File : VU028996.D
 Acq On : 03 Jan 2019 14:42
 Operator : MD/SY
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 9:51:04 AM

Quant Time: Jan 04 00:56:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 00:41:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	129294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	211108	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	211745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	114778	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	232733	145.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.22%	
35) Dibromofluoromethane	4.88	113	202140	147.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.42%	
50) Toluene-d8	7.56	98	817824	151.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.76%	
62) 4-Bromofluorobenzene	10.31	95	319134	164.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	328.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	186692	145.600	ug/l	100
3) Chloromethane	1.32	50	303534	132.280	ug/l	100
4) Vinyl Chloride	1.40	62	277295	146.751	ug/l	98
5) Bromomethane	1.60	94	137682	121.703	ug/l	99
6) Chloroethane	1.67	64	166536	147.966	ug/l	99
7) Trichlorofluoromethane	1.87	101	298121	144.790	ug/l	100
8) Diethyl Ether	2.10	74	145827	147.420	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.27	101	198816	144.314	ug/l	98
10) Methyl Iodide	2.40	142	207327	160.051	ug/l	99
11) Tert butyl alcohol	2.85	59	297175	731.470	ug/l	99
12) 1,1-Dichloroethene	2.27	96	203926	152.075	ug/l	98
13) Acrolein	2.19	56	218303	715.592	ug/l	99
14) Allyl chloride	2.58	41	350981	142.651	ug/l	99
15) Acrylonitrile	2.94	53	738993	741.423	ug/l	99
16) Acetone	2.32	43	619461	615.226	ug/l	100
17) Carbon Disulfide	2.47	76	662148	132.692	ug/l	100
18) Methyl Acetate	2.61	43	336144	143.579	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	690858	146.540	ug/l	98
20) Methylene Chloride	2.69	84	243999	142.729	ug/l	98
21) trans-1,2-Dichloroethene	2.97	96	222047	142.524	ug/l	98
22) Diisopropyl ether	3.57	45	716266	147.297	ug/l	97
23) Vinyl Acetate	3.52	43	3041585	765.116	ug/l	99
24) 1,1-Dichloroethane	3.44	63	414537	147.673	ug/l	100
25) 2-Butanone	4.26	43	993151	730.288	ug/l	99
26) 2,2-Dichloropropane	4.22	77	325867	143.666	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	258101	151.470	ug/l	98
28) Bromochloromethane	4.55	49	167394	139.262	ug/l	99
29) Tetrahydrofuran	4.64	42	612466	742.539	ug/l	99
30) Chloroform	4.67	83	392365	146.748	ug/l	98
31) Cyclohexane	4.99	56	389721	125.451	ug/l	98
32) 1,1,1-Trichloroethane	4.91	97	322282	145.878	ug/l	99
36) 1,1-Dichloropropene	5.13	75	311576	147.658	ug/l	100
37) Ethyl Acetate	4.38	43	350836	145.465	ug/l	100
38) Carbon Tetrachloride	5.13	117	270773	153.853	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	392181	151.181	ug/l	99
40) Benzene	5.39	78	967322	146.964	ug/l	99
41) Methacrylonitrile	4.54	41	191478	154.440	ug/l	99
42) 1,2-Dichloroethane	5.40	62	299081	151.216	ug/l	100
43) Isopropyl Acetate	5.55	43	561175	157.943	ug/l	99
44) Trichloroethene	6.18	130	243942	149.580	ug/l	96
45) 1,2-Dichloropropane	6.43	63	260699	149.984	ug/l	100
46) Dibromomethane	6.56	93	167548	150.788	ug/l	100
47) Bromodichloromethane	6.76	83	314931	153.939	ug/l	99
48) Methyl methacrylate	6.62	41	284335	164.349	ug/l	98
49) 1,4-Dioxane	6.61	88	131794	3214.501	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	1943943	803.931	ug/l	99
52) Toluene	7.64	92	613692	153.156	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	390226	158.785	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	411514	154.964	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	248837	155.015	ug/l	98
56) Ethyl methacrylate	8.02	69	420465	170.018	ug/l	100
57) 1,3-Dichloropropane	8.24	76	429761	156.461	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	910009	836.708	ug/l	100
59) 2-Hexanone	8.36	43	1547535	815.316	ug/l	99
60) Dibromochloromethane	8.48	129	261529	164.448	ug/l	99
61) 1,2-Dibromoethane	8.58	107	273898	157.324	ug/l	99
64) Tetrachloroethene	8.22	164	218403	143.186	ug/l	96
65) Chlorobenzene	9.12	112	693831	146.182	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	234786	152.429	ug/l	99
67) Ethyl Benzene	9.25	91	1204278	151.973	ug/l	100
68) m/p-Xylenes	9.37	106	935293	303.768	ug/l	99
69) o-Xylene	9.78	106	460305	155.157	ug/l	100
70) Styrene	9.79	104	791054	162.654	ug/l	99
71) Bromoform	9.96	173	228490	166.600	ug/l #	98
73) Isopropylbenzene	10.16	105	1204344	141.761	ug/l	99
74) N-amyl acetate	10.01	43	552310	150.869	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	477594	140.267	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	393854m	135.204	ug/l	
77) Bromobenzene	10.45	156	318387	143.810	ug/l	99
78) n-propylbenzene	10.59	91	1472999	147.125	ug/l	100
79) 2-Chlorotoluene	10.66	91	850748	140.079	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	1037648	146.261	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	164204m	118.260	ug/l	
82) 4-Chlorotoluene	10.77	91	1019030	146.327	ug/l	99
83) tert-Butylbenzene	11.10	119	1035989	148.157	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	1066367	150.551	ug/l	100
85) sec-Butylbenzene	11.32	105	1271224	150.321	ug/l	99
86) p-Isopropyltoluene	11.48	119	1096900	152.217	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	588835	145.002	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	590645	140.907	ug/l	99
89) n-Butylbenzene	11.89	91	1053196	163.750	ug/l	99
90) Hexachloroethane	12.14	117	179807	148.321	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	588532	143.888	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.65	75	99283	151.604	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	413036	158.191	ug/l	100
94) Hexachlorobutadiene	13.69	225	173166	144.999	ug/l	99
95) Naphthalene	13.74	128	1360800	153.208	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	410066	147.711	ug/l	100

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

