

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
 Data File : VU028995.D
 Acq On : 03 Jan 2019 14:18
 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
 1/4/2019 9:51:00 AM

Quant Time: Jan 04 00:54:28 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	128930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	211889	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	204623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	110354	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	156714	98.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.66%	
35) Dibromofluoromethane	4.88	113	135714	98.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.62%	
50) Toluene-d8	7.56	98	549514	101.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.68%	
62) 4-Bromofluorobenzene	10.30	95	205982	105.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	125462	98.123	ug/l	100
3) Chloromethane	1.32	50	203515	88.942	ug/l	100
4) Vinyl Chloride	1.40	62	186189	98.813	ug/l	99
5) Bromomethane	1.60	94	95140	84.336	ug/l	99
6) Chloroethane	1.67	64	109310	97.395	ug/l	98
7) Trichlorofluoromethane	1.87	101	200053	97.435	ug/l	99
8) Diethyl Ether	2.10	74	97564	98.909	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	130550	95.029	ug/l	98
10) Methyl Iodide	2.40	142	136676	105.808	ug/l	99
11) Tert butyl alcohol	2.85	59	197741	488.096	ug/l	99
12) 1,1-Dichloroethene	2.27	96	134457	100.552	ug/l	99
13) Acrolein	2.19	56	143978	473.289	ug/l	100
14) Allyl chloride	2.58	41	247791	100.995	ug/l	100
15) Acrylonitrile	2.94	53	495285	498.317	ug/l	100
16) Acetone	2.32	43	439874	438.100	ug/l	100
17) Carbon Disulfide	2.47	76	438777	88.178	ug/l	99
18) Methyl Acetate	2.61	43	222448	95.284	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	458565	97.542	ug/l	98
20) Methylene Chloride	2.69	84	161522	94.750	ug/l	100
21) trans-1,2-Dichloroethene	2.97	96	148198	95.392	ug/l	98
22) Diisopropyl ether	3.57	45	484457	99.908	ug/l	98
23) Vinyl Acetate	3.52	43	2039422	514.469	ug/l	100
24) 1,1-Dichloroethane	3.44	63	279272	99.767	ug/l	99
25) 2-Butanone	4.26	43	668147	492.692	ug/l	98
26) 2,2-Dichloropropane	4.22	77	219754	97.157	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	169591	99.808	ug/l	100
28) Bromochloromethane	4.54	49	116278	97.010	ug/l	99
29) Tetrahydrofuran	4.64	42	412859	501.953	ug/l	100
30) Chloroform	4.67	83	264252	99.112	ug/l	98
31) Cyclohexane	4.99	56	263772	85.148	ug/l	98
32) 1,1,1-Trichloroethane	4.91	97	217343	98.656	ug/l	99
36) 1,1-Dichloropropene	5.13	75	206763	97.625	ug/l	99
37) Ethyl Acetate	4.38	43	232759	96.152	ug/l	100
38) Carbon Tetrachloride	5.13	117	179239	101.468	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	259516	99.671	ug/l	99
40) Benzene	5.39	78	650999	98.541	ug/l	100
41) Methacrylonitrile	4.54	41	128686	103.411	ug/l	99
42) 1,2-Dichloroethane	5.40	62	200522	101.011	ug/l	99
43) Isopropyl Acetate	5.55	43	370663	103.939	ug/l	100
44) Trichloroethene	6.18	130	163836	100.090	ug/l	97
45) 1,2-Dichloropropane	6.43	63	175439	100.561	ug/l	99
46) Dibromomethane	6.56	93	111777	100.225	ug/l	99
47) Bromodichloromethane	6.76	83	210046	102.292	ug/l	99
48) Methyl methacrylate	6.62	41	189451	109.101	ug/l	99
49) 1,4-Dioxane	6.61	88	86376	2098.975	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	1267419	522.218	ug/l	99
52) Toluene	7.63	92	408577	101.591	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	254166	103.040	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	275382	103.318	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	165296	102.593	ug/l	98
56) Ethyl methacrylate	8.02	69	269152	108.432	ug/l	99
57) 1,3-Dichloropropane	8.24	76	282285	102.391	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.12	63	594181	544.306	ug/l	100
59) 2-Hexanone	8.36	43	1009457	529.870	ug/l	99
60) Dibromochloromethane	8.48	129	167499	104.934	ug/l	98
61) 1,2-Dibromoethane	8.58	107	178797	102.321	ug/l	100
64) Tetrachloroethene	8.22	164	145257	98.545	ug/l	96
65) Chlorobenzene	9.12	112	453743	98.926	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	151906	102.054	ug/l	99
67) Ethyl Benzene	9.25	91	791516	103.361	ug/l	100
68) m/p-Xylenes	9.37	106	611619	205.558	ug/l	98
69) o-Xylene	9.78	106	301579	105.193	ug/l	98
70) Styrene	9.79	104	503452	107.121	ug/l	100
71) Bromoform	9.96	173	143848	108.535	ug/l #	99
73) Isopropylbenzene	10.16	105	776664	95.085	ug/l	99
74) N-amyl acetate	10.01	43	354196	100.631	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	308031	94.094	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	260584m	93.041	ug/l	
77) Bromobenzene	10.45	156	205383	96.487	ug/l	99
78) n-propylbenzene	10.58	91	945933	98.269	ug/l	100
79) 2-Chlorotoluene	10.66	91	550855	94.337	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	664631	97.438	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	98381m	73.695	ug/l	
82) 4-Chlorotoluene	10.77	91	645746	96.443	ug/l	100
83) tert-Butylbenzene	11.10	119	659988	98.169	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	688213	101.058	ug/l	99
85) sec-Butylbenzene	11.32	105	809404	99.548	ug/l	99
86) p-Isopropyltoluene	11.48	119	700940	101.169	ug/l	100
87) 1,3-Dichlorobenzene	11.41	146	373791	95.737	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	377441	93.654	ug/l	99
89) n-Butylbenzene	11.89	91	661548	106.980	ug/l	99
90) Hexachloroethane	12.14	117	112099	96.177	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	377636	96.028	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	64981	103.203	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	256781	102.289	ug/l	99
94) Hexachlorobutadiene	13.69	225	109277	95.171	ug/l	100
95) Naphthalene	13.74	128	853416	99.935	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	257983	96.654	ug/l	99

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

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