

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112818\
 Data File : VU028355.D
 Acq On : 28 Nov 2018 10:23
 Operator : MD/SY
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/29/2018 1:22:54 PM

Quant Time: Nov 29 00:51:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 00:29:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	223948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	407421	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	375269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	180257	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	193941	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
35) Dibromofluoromethane	4.88	113	134103	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
50) Toluene-d8	7.56	98	549001	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	10.30	95	201114	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	156676	52.152	ug/l	100
3) Chloromethane	1.33	50	288685	49.575	ug/l	100
4) Vinyl Chloride	1.40	62	207431	50.913	ug/l	100
5) Bromomethane	1.60	94	75017	47.606	ug/l	100
6) Chloroethane	1.68	64	118914	50.723	ug/l	100
7) Trichlorofluoromethane	1.88	101	215647	50.956	ug/l	100
8) Diethyl Ether	2.10	74	95913	48.753	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	126282	51.224	ug/l	100
10) Methyl Iodide	2.41	142	121155	52.114	ug/l	100
11) Tert butyl alcohol	2.83	59	206862	243.287	ug/l	100
12) 1,1-Dichloroethene	2.28	96	121994	50.991	ug/l	100
13) Acrolein	2.19	56	185049	244.801	ug/l	100
14) Allyl chloride	2.59	41	310872	49.734	ug/l	100
15) Acrylonitrile	2.93	53	585065	260.126	ug/l	100
16) Acetone	2.32	43	561735	245.350	ug/l	100
17) Carbon Disulfide	2.47	76	456980	49.764	ug/l	100
18) Methyl Acetate	2.61	43	319702	50.153	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	502047	51.185	ug/l	100
20) Methylene Chloride	2.70	84	162324	45.827	ug/l	100
21) trans-1,2-Dichloroethene	2.98	96	143115	51.580	ug/l	100
22) Diisopropyl ether	3.57	45	641124	52.127	ug/l	100
23) Vinyl Acetate	3.52	43	2691022	263.072	ug/l	100
24) 1,1-Dichloroethane	3.44	63	317809	52.379	ug/l	100
25) 2-Butanone	4.26	43	839016	255.700	ug/l	100
26) 2,2-Dichloropropane	4.22	77	247176	51.295	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	164566	50.151	ug/l	100
28) Bromochloromethane	4.55	49	158678	52.303	ug/l	100
29) Tetrahydrofuran	4.63	42	557093	261.496	ug/l	100
30) Chloroform	4.67	83	281674	50.295	ug/l	100
31) Cyclohexane	4.99	56	315663	43.830	ug/l	100
32) 1,1,1-Trichloroethane	4.91	97	230903	51.381	ug/l	100
36) 1,1-Dichloropropene	5.13	75	216054	48.461	ug/l	100
37) Ethyl Acetate	4.38	43	311309	51.238	ug/l	100
38) Carbon Tetrachloride	5.13	117	181211	49.496	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	269854	51.338	ug/l	100
40) Benzene	5.39	78	681352	51.600	ug/l	100
41) Methacrylonitrile	4.54	41	178171	52.805	ug/l	100
42) 1,2-Dichloroethane	5.40	62	242720	51.025	ug/l	100
43) Isopropyl Acetate	5.55	43	497241	51.646	ug/l	100
44) Trichloroethene	6.18	130	144215	50.952	ug/l	100
45) 1,2-Dichloropropane	6.43	63	198709	51.388	ug/l	100
46) Dibromomethane	6.56	93	113706	51.193	ug/l	100
47) Bromodichloromethane	6.76	83	221235	50.077	ug/l	100
48) Methyl methacrylate	6.62	41	251666	50.181	ug/l	100
49) 1,4-Dioxane	6.61	88	79257	989.244	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	1582970	257.427	ug/l	100
52) Toluene	7.64	92	394734	51.912	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	266231	50.396	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	283378	50.071	ug/l	100
55) 1,1,2-Trichloroethane	8.06	97	158661	50.136	ug/l	100
56) Ethyl methacrylate	8.02	69	283569	52.672	ug/l	100
57) 1,3-Dichloropropane	8.24	76	292791	50.452	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.12	63	766273	265.107	ug/l	100
59) 2-Hexanone	8.36	43	1227477	257.701	ug/l	100
60) Dibromochloromethane	8.48	129	151473	50.327	ug/l	100
61) 1,2-Dibromoethane	8.58	107	168470	51.978	ug/l	100
64) Tetrachloroethene	8.22	164	123259	49.933	ug/l	100
65) Chlorobenzene	9.12	112	398844	51.185	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	135955	50.901	ug/l	100
67) Ethyl Benzene	9.25	91	758820	51.705	ug/l	100
68) m/p-Xylenes	9.37	106	552564	104.605	ug/l	100
69) o-Xylene	9.78	106	270610	51.533	ug/l	100
70) Styrene	9.79	104	446074	52.671	ug/l	100
71) Bromoform	9.96	173	115588	51.487	ug/l #	100
73) Isopropylbenzene	10.17	105	718460	51.247	ug/l	100
74) N-amyl acetate	10.01	43	447143	50.906	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	288727	50.081	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	254237m	51.514	ug/l	
77) Bromobenzene	10.45	156	166645	50.446	ug/l	100
78) n-propylbenzene	10.59	91	893306	51.652	ug/l	100
79) 2-Chlorotoluene	10.66	91	524703	51.465	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	603941	51.120	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	92320m	38.454	ug/l	
82) 4-Chlorotoluene	10.77	91	597117	50.833	ug/l	100
83) tert-Butylbenzene	11.10	119	575474	52.253	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	623873	52.136	ug/l	100
85) sec-Butylbenzene	11.32	105	729225	50.979	ug/l	100
86) p-Isopropyltoluene	11.48	119	609393	51.811	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	301474	50.037	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	308478	50.873	ug/l	100
89) n-Butylbenzene	11.89	91	614444	52.932	ug/l	100
90) Hexachloroethane	12.14	117	94296	51.352	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	305748	50.862	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	64113	49.996	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	201587	51.232	ug/l	100
94) Hexachlorobutadiene	13.69	225	94937	51.097	ug/l	100
95) Naphthalene	13.74	128	723070	54.036	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	208274	52.336	ug/l	100

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

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