

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
 Data File : VN055298.D
 Acq On : 30 Apr 2019 10:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/1/2019 3:00:14 PM

Quant Time: May 01 08:51:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	416892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	652654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	571933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	226650	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	262914	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	7.59	113	205912	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
50) Toluene-d8	10.09	98	774974	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.40	95	262373	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	253003	49.533	ug/l	100
3) Chloromethane	2.06	50	293604	46.421	ug/l	100
4) Vinyl Chloride	2.19	62	237055	46.497	ug/l	99
5) Bromomethane	2.56	94	123971	45.906	ug/l	100
6) Chloroethane	2.70	64	125118	45.302	ug/l	100
7) Trichlorofluoromethane	3.02	101	341539	47.112	ug/l	99
8) Diethyl Ether	3.41	74	118106	46.565	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	205294	47.555	ug/l	99
10) Methyl Iodide	3.95	142	294786	48.521	ug/l	99
11) Tert butyl alcohol	4.78	59	71569	229.204	ug/l	98
12) 1,1-Dichloroethene	3.74	96	192824	46.822	ug/l	99
13) Acrolein	3.61	56	51799	212.416	ug/l	98
14) Allyl chloride	4.32	41	395006	46.312	ug/l	98
15) Acrylonitrile	4.99	53	424306	241.752	ug/l	98
16) Acetone	3.82	43	420129	247.227	ug/l	100
17) Carbon Disulfide	4.06	76	507822	47.251	ug/l	97
18) Methyl Acetate	4.32	43	205991	49.755	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	541878	46.805	ug/l	99
20) Methylene Chloride	4.55	84	232674	44.857	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	206599	47.369	ug/l	97
22) Diisopropyl ether	5.95	45	823736	48.608	ug/l	97
23) Vinyl Acetate	5.90	43	2763842	248.842	ug/l	99
24) 1,1-Dichloroethane	5.85	63	424233	46.984	ug/l	99
25) 2-Butanone	6.83	43	535537	246.421	ug/l	100
26) 2,2-Dichloropropane	6.83	77	297210	47.667	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	239282	48.244	ug/l	99
28) Bromochloromethane	7.19	49	217873	47.869	ug/l	97
29) Tetrahydrofuran	7.21	42	335261	240.917	ug/l	99
30) Chloroform	7.37	83	404895	47.304	ug/l	97
31) Cyclohexane	7.65	56	389838	45.442	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	327550	47.151	ug/l	100
36) 1,1-Dichloropropene	7.79	75	306644	49.052	ug/l	98
37) Ethyl Acetate	6.93	43	224122	46.778	ug/l	99
38) Carbon Tetrachloride	7.77	117	281078	46.610	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	326654	49.146	ug/l	99
40) Benzene	8.04	78	898565	48.759	ug/l	100
41) Methacrylonitrile	7.17	41	132651	51.139	ug/l	94
42) 1,2-Dichloroethane	8.12	62	312573	47.888	ug/l	99
43) Isopropyl Acetate	8.16	43	380039	49.358	ug/l #	88
44) Trichloroethene	8.83	130	221614	47.172	ug/l	99
45) 1,2-Dichloropropane	9.12	63	257699	48.484	ug/l	99
46) Dibromomethane	9.21	93	143336	49.336	ug/l	98
47) Bromodichloromethane	9.40	83	308547	49.504	ug/l	99
48) Methyl methacrylate	9.20	41	179741	47.485	ug/l	96
49) 1,4-Dioxane	9.20	88	41197	1052.855	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	1082988	249.821	ug/l	99
52) Toluene	10.15	92	530221	50.144	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	288378	53.298	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	345555	51.223	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	193533	49.289	ug/l	98
56) Ethyl methacrylate	10.43	69	245814	50.862	ug/l	98
57) 1,3-Dichloropropane	10.71	76	340542	49.439	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	394713	262.508	ug/l	99
59) 2-Hexanone	10.75	43	689133	254.069	ug/l	99
60) Dibromochloromethane	10.90	129	206211	51.385	ug/l	98
61) 1,2-Dibromoethane	11.00	107	182374	50.251	ug/l	99
64) Tetrachloroethene	10.63	164	216243	46.234	ug/l	99
65) Chlorobenzene	11.43	112	541377	48.415	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	208883	47.706	ug/l	98
67) Ethyl Benzene	11.51	91	1006343	49.837	ug/l	99
68) m/p-Xylenes	11.62	106	728584	101.086	ug/l	98
69) o-Xylene	11.95	106	358552	50.190	ug/l	98
70) Styrene	11.96	104	589600	53.752	ug/l	100
71) Bromoform	12.13	173	125781	51.770	ug/l #	98
73) Isopropylbenzene	12.25	105	950321	52.877	ug/l	99
74) N-amyl acetate	12.07	43	276247	47.492	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	229600	51.204	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	209535m	49.723	ug/l	
77) Bromobenzene	12.52	156	227157	52.656	ug/l	98
78) n-propylbenzene	12.59	91	1068711	45.904	ug/l	99
79) 2-Chlorotoluene	12.67	91	649645	53.050	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	779937	43.894	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	55741	46.606	ug/l	97
82) 4-Chlorotoluene	12.77	91	625762	46.227	ug/l	100
83) tert-Butylbenzene	12.99	119	662140	52.811	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	758836	47.752	ug/l	100
85) sec-Butylbenzene	13.17	105	871074	45.103	ug/l	100
86) p-Isopropyltoluene	13.29	119	749784	47.235	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	369168	48.675	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	351230	49.176	ug/l	100
89) n-Butylbenzene	13.61	91	593821	52.646	ug/l	99
90) Hexachloroethane	13.87	117	128718	51.253	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	354983	47.224	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30504	51.157	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	135696	46.069	ug/l	99
94) Hexachlorobutadiene	15.01	225	126739	56.389	ug/l	97
95) Naphthalene	15.13	128	265718	42.699	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	136059	46.797	ug/l	99

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

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