

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054762.D
 Acq On : 29 Mar 2019 11:19
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:00:08 PM

Quant Time: Mar 30 00:30:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:11:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	458598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	748291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	656965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	292147	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	310447	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	7.59	113	247594	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	10.09	98	946510	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.40	95	312140	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	217985	46.992	ug/l	99
3) Chloromethane	2.06	50	306404	47.772	ug/l	99
4) Vinyl Chloride	2.19	62	273552	47.493	ug/l	99
5) Bromomethane	2.57	94	156424	44.957	ug/l	96
6) Chloroethane	2.71	64	149212	46.393	ug/l	100
7) Trichlorofluoromethane	3.02	101	340315	48.058	ug/l	100
8) Diethyl Ether	3.41	74	111402	48.857	ug/l	69
9) 1,1,2-Trichlorotrifluoroet	3.75	101	175385	50.102	ug/l	93
10) Methyl Iodide	3.95	142	266687	52.259	ug/l #	87
11) Tert butyl alcohol	4.82	59	78204	240.391	ug/l #	70
12) 1,1-Dichloroethene	3.73	96	174840	48.501	ug/l #	76
13) Acrolein	3.61	56	67284	233.668	ug/l	100
14) Allyl chloride	4.32	41	429841	48.865	ug/l #	90
15) Acrylonitrile	5.00	53	441447	246.577	ug/l	100
16) Acetone	3.82	43	356263	241.666	ug/l #	81
17) Carbon Disulfide	4.04	76	561070	47.987	ug/l	100
18) Methyl Acetate	4.33	43	194500	45.685	ug/l #	89
19) Methyl tert-butyl Ether	5.05	73	621770	49.309	ug/l	93
20) Methylene Chloride	4.55	84	243742	46.873	ug/l #	81
21) trans-1,2-Dichloroethene	5.04	96	228667	48.294	ug/l	86
22) Diisopropyl ether	5.96	45	876294	49.898	ug/l #	94
23) Vinyl Acetate	5.90	43	3170200	265.651	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	462185	49.336	ug/l	97
25) 2-Butanone	6.85	43	565725	259.609	ug/l	89
26) 2,2-Dichloropropane	6.82	77	326176	49.677	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	261973	48.977	ug/l	87
28) Bromochloromethane	7.19	49	232624	49.660	ug/l #	71
29) Tetrahydrofuran	7.22	42	364868	240.749	ug/l #	84
30) Chloroform	7.37	83	440933	49.361	ug/l	100
31) Cyclohexane	7.65	56	439072	40.728	ug/l	86
32) 1,1,1-Trichloroethane	7.57	97	370555	50.056	ug/l	95
36) 1,1-Dichloropropene	7.79	75	338882	49.614	ug/l	95
37) Ethyl Acetate	6.94	43	245970	49.022	ug/l	95
38) Carbon Tetrachloride	7.77	117	320117	47.269	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	378493	49.375	ug/l	89
40) Benzene	8.04	78	990871	49.664	ug/l	99
41) Methacrylonitrile	7.18	41	143541	49.973	ug/l #	89
42) 1,2-Dichloroethane	8.13	62	346256	48.605	ug/l	97
43) Isopropyl Acetate	8.17	43	430152	51.774	ug/l #	94
44) Trichloroethene	8.83	130	251545	48.569	ug/l	91
45) 1,2-Dichloropropane	9.12	63	279371	49.108	ug/l	100
46) Dibromomethane	9.21	93	158976	49.676	ug/l	89
47) Bromodichloromethane	9.40	83	336964	50.663	ug/l	99
48) Methyl methacrylate	9.20	41	222170	49.331	ug/l	87
49) 1,4-Dioxane	9.20	88	45611	1020.686	ug/l #	83
51) 4-Methyl-2-Pentanone	9.99	43	1204767	257.920	ug/l	92
52) Toluene	10.16	92	595685	50.176	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	329721	52.701	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	392334	52.496	ug/l #	90
55) 1,1,2-Trichloroethane	10.56	97	212027	48.031	ug/l	95
56) Ethyl methacrylate	10.43	69	298050	51.470	ug/l #	84
57) 1,3-Dichloropropane	10.71	76	383493	50.531	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	600593	270.477	ug/l #	89
59) 2-Hexanone	10.75	43	750547	250.998	ug/l	90
60) Dibromochloromethane	10.90	129	233405	52.196	ug/l	100
61) 1,2-Dibromoethane	11.00	107	213539	50.618	ug/l	99
64) Tetrachloroethene	10.63	164	243079	48.217	ug/l	96
65) Chlorobenzene	11.43	112	625643	48.640	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	241305	50.121	ug/l	99
67) Ethyl Benzene	11.51	91	1135619	48.925	ug/l	97
68) m/p-Xylenes	11.62	106	841290	97.942	ug/l	93
69) o-Xylene	11.95	106	407750	48.409	ug/l	94
70) Styrene	11.96	104	691562	51.350	ug/l	97
71) Bromoform	12.13	173	146554	51.960	ug/l #	99
73) Isopropylbenzene	12.25	105	1089278	45.617	ug/l	98
74) N-amyl acetate	12.07	43	358664	48.212	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	263770	44.479	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	223178m	45.492	ug/l	
77) Bromobenzene	12.53	156	268550	46.599	ug/l	85
78) n-propylbenzene	12.59	91	1240551	47.267	ug/l	96
79) 2-Chlorotoluene	12.67	91	740865	45.627	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	909649	46.426	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	62068	47.570	ug/l #	85
82) 4-Chlorotoluene	12.77	91	750752	47.603	ug/l	95
83) tert-Butylbenzene	12.99	119	778864	45.457	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	904367	48.448	ug/l	97
85) sec-Butylbenzene	13.17	105	983163	46.191	ug/l	98
86) p-Isopropyltoluene	13.29	119	888798	47.345	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	461578	47.838	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	452003	47.763	ug/l	98
89) n-Butylbenzene	13.61	91	750607	49.006	ug/l	98
90) Hexachloroethane	13.87	117	152214	47.756	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	457739	47.006	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	40769	49.942	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	236402	50.356	ug/l	100
94) Hexachlorobutadiene	15.01	225	143241	45.233	ug/l	99
95) Naphthalene	15.13	128	510559	48.490	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	233342	49.215	ug/l	99

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

