

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022519\
 Data File : VN053925.D
 Acq On : 25 Feb 2019 13:03
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 2/28/2019 10:48:06 AM

Quant Time: Feb 28 04:18:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 02:58:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	640957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1024696	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	913597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	432589	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	366324	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	7.59	113	324863	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	10.09	98	1220466	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.40	95	406287	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	289735	49.117	ug/l	98
3) Chloromethane	2.06	50	394925	48.266	ug/l	99
4) Vinyl Chloride	2.19	62	396398	48.352	ug/l	99
5) Bromomethane	2.57	94	245993	45.307	ug/l	99
6) Chloroethane	2.71	64	238401	46.758	ug/l	99
7) Trichlorofluoromethane	3.02	101	497568	47.508	ug/l	100
8) Diethyl Ether	3.41	74	193757	49.379	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	312382	47.225	ug/l	95
10) Methyl Iodide	3.95	142	444876	51.184	ug/l	98
11) Tert butyl alcohol	4.78	59	126251	265.062	ug/l	99
12) 1,1-Dichloroethene	3.74	96	306983	48.518	ug/l	93
13) Acrolein	3.61	56	100045	202.873	ug/l	96
14) Allyl chloride	4.33	41	552880	49.821	ug/l	95
15) Acrylonitrile	4.99	53	648773	258.437	ug/l	99
16) Acetone	3.81	43	539595	244.905	ug/l	96
17) Carbon Disulfide	4.06	76	965935	47.322	ug/l	99
18) Methyl Acetate	4.32	43	259266	49.349	ug/l	96
19) Methyl tert-butyl Ether	5.04	73	873136	51.442	ug/l	98
20) Methylene Chloride	4.55	84	353324	47.514	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	334981	48.915	ug/l	94
22) Diisopropyl ether	5.95	45	1096696	51.225	ug/l	98
23) Vinyl Acetate	5.90	43	4045638	262.680	ug/l	96
24) 1,1-Dichloroethane	5.85	63	639151	48.682	ug/l	98
25) 2-Butanone	6.83	43	772565	261.873	ug/l	96
26) 2,2-Dichloropropane	6.82	77	458780	49.185	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	377213	49.529	ug/l	95
28) Bromochloromethane	7.19	49	307043	51.093	ug/l	84
29) Tetrahydrofuran	7.21	42	512763	261.001	ug/l	93
30) Chloroform	7.37	83	623043	48.941	ug/l	99
31) Cyclohexane	7.65	56	592525	42.383	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	519174	49.460	ug/l	97
36) 1,1-Dichloropropene	7.79	75	472558	49.590	ug/l	98
37) Ethyl Acetate	6.93	43	334452	49.154	ug/l	97
38) Carbon Tetrachloride	7.77	117	455946	46.005	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	565291	49.217	ug/l	95
40) Benzene	8.04	78	1450294	49.541	ug/l	100
41) Methacrylonitrile	7.19	41	241690m	55.163	ug/l	
42) 1,2-Dichloroethane	8.12	62	448760	49.514	ug/l	98
43) Isopropyl Acetate	8.16	43	571183	49.718	ug/l #	90
44) Trichloroethene	8.84	130	383683	49.437	ug/l	99
45) 1,2-Dichloropropane	9.12	63	387754	49.095	ug/l	99
46) Dibromomethane	9.21	93	229225	49.992	ug/l	93
47) Bromodichloromethane	9.40	83	478040	49.470	ug/l	99
48) Methyl methacrylate	9.20	41	273996	51.850	ug/l	96
49) 1,4-Dioxane	9.20	88	79660	1112.988	ug/l #	94
51) 4-Methyl-2-Pentanone	9.99	43	1601994	271.360	ug/l	96
52) Toluene	10.16	92	875640	50.798	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	485696	51.658	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	565124	50.985	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	321736	49.977	ug/l	99
56) Ethyl methacrylate	10.43	69	412260	54.735	ug/l	93
57) 1,3-Dichloropropane	10.71	76	549565	50.524	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	941775	283.168	ug/l	97
59) 2-Hexanone	10.75	43	1049062	273.224	ug/l	94
60) Dibromochloromethane	10.90	129	360667	50.411	ug/l	99
61) 1,2-Dibromoethane	11.01	107	313963	50.557	ug/l	99
64) Tetrachloroethene	10.63	164	370884	47.942	ug/l	98
65) Chlorobenzene	11.43	112	942396	48.876	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	344705	49.605	ug/l	100
67) Ethyl Benzene	11.51	91	1618046	50.058	ug/l	99
68) m/p-Xylenes	11.62	106	1236946	101.392	ug/l	97
69) o-Xylene	11.95	106	594092	49.561	ug/l	98
70) Styrene	11.96	104	977392	53.011	ug/l	99
71) Bromoform	12.13	173	249117	51.531	ug/l #	99
73) Isopropylbenzene	12.25	105	1558601	46.285	ug/l	99
74) N-amyl acetate	12.07	43	452760	51.299	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	390725	46.400	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	328680m	47.364	ug/l	
77) Bromobenzene	12.53	156	403369	47.180	ug/l	92
78) n-propylbenzene	12.59	91	1840993	48.072	ug/l	98
79) 2-Chlorotoluene	12.68	91	1078744	46.891	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1337347	48.511	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	109262	49.764	ug/l	94
82) 4-Chlorotoluene	12.77	91	1100071	48.382	ug/l	97
83) tert-Butylbenzene	12.99	119	1161772	47.648	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1364337	49.572	ug/l	98
85) sec-Butylbenzene	13.17	105	1582681	47.526	ug/l	99
86) p-Isopropyltoluene	13.29	119	1372088	48.738	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	711420	48.101	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	698979	48.713	ug/l	99
89) n-Butylbenzene	13.62	91	1194524	50.347	ug/l	99
90) Hexachloroethane	13.88	117	247445	45.358	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	694808	48.531	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	57912	48.666	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	381834	56.184	ug/l	99
94) Hexachlorobutadiene	15.01	225	239745	46.358	ug/l	99
95) Naphthalene	15.13	128	815698	57.955	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	374579	54.891	ug/l	99

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

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