

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049866.D
 Acq On : 18 Jul 2018 11:35
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/19/2018 4:28:55 PM

Quant Time: Jul 18 12:06:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 12:05:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	635210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	922085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	870466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	484875	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	429526	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
35) Dibromofluoromethane	7.59	113	380841	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
50) Toluene-d8	10.09	98	1433446	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
62) 4-Bromofluorobenzene	12.40	95	499529	55.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	286695	43.82	ug/l	97
3) Chloromethane	2.06	50	388551	46.15	ug/l	100
4) Vinyl Chloride	2.18	62	424145	46.68	ug/l	100
5) Bromomethane	2.56	94	258852	45.05	ug/l	100
6) Chloroethane	2.70	64	270524	46.91	ug/l	98
7) Trichlorofluoromethane	3.01	101	575664	47.11	ug/l	97
8) Diethyl Ether	3.41	74	209498	47.99	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	349592	47.68	ug/l	100
10) Methyl Iodide	3.95	142	522211	56.92	ug/l	97
11) Tert butyl alcohol	4.80	59	153120	226.63	ug/l	99
12) 1,1-Dichloroethene	3.73	96	318588	48.08	ug/l	99
13) Acrolein	3.61	56	109152	208.36	ug/l	98
14) Allyl chloride	4.32	41	521926	49.61	ug/l	99
15) Acrylonitrile	4.99	53	688901	242.37	ug/l	98
16) Acetone	3.82	43	502921	212.23	ug/l	99
17) Carbon Disulfide	4.05	76	927814	46.00	ug/l	99
18) Methyl Acetate	4.33	43	352197	39.71	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	964321	52.11	ug/l	99
20) Methylene Chloride	4.55	84	381021	46.69	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	353139	50.41	ug/l	99
22) Diisopropyl ether	5.96	45	1144660	54.43	ug/l	98
23) Vinyl Acetate	5.90	43	4081717	263.88	ug/l	100
24) 1,1-Dichloroethane	5.85	63	664667	49.31	ug/l	99
25) 2-Butanone	6.84	43	809333	231.08	ug/l	98
26) 2,2-Dichloropropane	6.82	77	512349	49.93	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	400090	50.95	ug/l	98
28) Bromochloromethane	7.19	49	324660	51.89	ug/l	99
29) Tetrahydrofuran	7.22	42	540414	242.67	ug/l	99
30) Chloroform	7.37	83	687769	49.43	ug/l	98
31) Cyclohexane	7.65	56	559666	43.66	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	586440	49.62	ug/l	99
36) 1,1-Dichloropropene	7.79	75	515904	52.88	ug/l	99
37) Ethyl Acetate	6.93	43	362418	49.81	ug/l	99
38) Carbon Tetrachloride	7.77	117	524213	51.00	ug/l	99

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

39) Methylcyclohexane	9.08	83	535729	53.32	ug/l	99
40) Benzene	8.04	78	1540806	52.10	ug/l	100
41) Methacrylonitrile	7.18	41	174317	46.66	ug/l #	87
42) 1,2-Dichloroethane	8.13	62	505254	50.24	ug/l	100
43) Isopropyl Acetate	8.17	43	638909	51.61	ug/l	97
44) Trichloroethene	8.84	130	398278	51.19	ug/l	99
45) 1,2-Dichloropropane	9.12	63	410278	52.07	ug/l	100
46) Dibromomethane	9.21	93	257008	51.13	ug/l	98
47) Bromodichloromethane	9.40	83	533706	52.24	ug/l	96
48) Methyl methacrylate	9.20	41	322167	52.48	ug/l	98
49) 1,4-Dioxane	9.20	88	95407	1025.26	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1869079	256.67	ug/l	100
52) Toluene	10.16	92	972936	54.89	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	548701	55.01	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	610877	54.57	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	368812	50.71	ug/l	99
56) Ethyl methacrylate	10.43	69	496040	56.31	ug/l	98
57) 1,3-Dichloropropane	10.71	76	613743	52.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1189243	286.01	ug/l	100
59) 2-Hexanone	10.75	43	1287763	257.93	ug/l	100
60) Dibromochloromethane	10.90	129	424133	52.37	ug/l	100
61) 1,2-Dibromoethane	11.01	107	368967	51.76	ug/l	99
64) Tetrachloroethene	10.63	164	370199	50.01	ug/l	99
65) Chlorobenzene	11.43	112	1061921	51.45	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	402289	50.77	ug/l	99
67) Ethyl Benzene	11.51	91	1846099	55.65	ug/l	100
68) m/p-Xylenes	11.62	106	1438708	114.30	ug/l	99
69) o-Xylene	11.95	106	685986	57.15	ug/l	98
70) Styrene	11.97	104	1151109	59.17	ug/l	100
71) Bromoform	12.13	173	310432	50.87	ug/l #	99
73) Isopropylbenzene	12.25	105	1842992	52.49	ug/l	100
74) N-amyl acetate	12.07	43	581266	50.10	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	502203	44.60	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	429087m	45.23	ug/l	
77) Bromobenzene	12.53	156	479943	49.87	ug/l	98
78) n-propylbenzene	12.59	91	2143529	54.25	ug/l	100
79) 2-Chlorotoluene	12.68	91	1271767	52.14	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1534509	55.77	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	144732	49.93	ug/l	99
82) 4-Chlorotoluene	12.77	91	1301210	53.99	ug/l	100
83) tert-Butylbenzene	12.99	119	1327704	55.05	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1577257	56.22	ug/l	100
85) sec-Butylbenzene	13.17	105	1777806	54.80	ug/l	100
86) p-Isopropyltoluene	13.29	119	1548517	56.45	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	856512	51.78	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	837137	51.52	ug/l	99
89) n-Butylbenzene	13.62	91	1276807	56.76	ug/l	100
90) Hexachloroethane	13.88	117	288828	46.88	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	839252	49.89	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	77707	41.17	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	438261	58.51	ug/l	99
94) Hexachlorobutadiene	15.01	225	250505	47.67	ug/l	99
95) Naphthalene	15.14	128	1036395	57.97	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	439975	55.55	ug/l	100

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

