

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049263.D
 Acq On : 15 Jun 2018 15:18
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 3:16:11 PM

Quant Time: Jun 15 15:54:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 15:46:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1506616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2206810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2037613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1051725	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	976820	40.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.30%	
35) Dibromofluoromethane	7.59	113	888705	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
50) Toluene-d8	10.09	98	3436293	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.40	95	1148045	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.85	85	783825	36.12	ug/l	99
3) Chloromethane	2.06	50	984614	44.40	ug/l	98
4) Vinyl Chloride	2.18	62	1064076	46.80	ug/l	100
5) Bromomethane	2.56	94	557403	40.66	ug/l	97
6) Chloroethane	2.70	64	656344	42.75	ug/l	100
7) Trichlorofluoromethane	3.01	101	1344290	41.99	ug/l	100
8) Diethyl Ether	3.41	74	484545	40.76	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	866419	41.81	ug/l	93
10) Methyl Iodide	3.95	142	988082	49.03	ug/l	92
11) Tert butyl alcohol	4.80	59	264244	199.27	ug/l #	85
12) 1,1-Dichloroethene	3.73	96	788713	41.91	ug/l	90
13) Acrolein	3.61	56	318071	176.17	ug/l	97
14) Allyl chloride	4.32	41	1296447	36.69	ug/l	88
15) Acrylonitrile	4.99	53	1399782	196.12	ug/l	98
16) Acetone	3.82	43	1093831	188.17	ug/l	90
17) Carbon Disulfide	4.05	76	2403143	37.43	ug/l	100
18) Methyl Acetate	4.33	43	663055	27.12	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	2144175	41.82	ug/l	100
20) Methylene Chloride	4.55	84	914592	38.74	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	847582	40.63	ug/l	93
22) Diisopropyl ether	5.96	45	2639037	37.41	ug/l	96
23) Vinyl Acetate	5.90	43	8859805	190.02	ug/l	96
24) 1,1-Dichloroethane	5.85	63	1608402	38.26	ug/l	99
25) 2-Butanone	6.84	43	1534028	184.30	ug/l	95
26) 2,2-Dichloropropane	6.82	77	1314186	41.69	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	960514	42.28	ug/l	93
28) Bromochloromethane	7.20	49	767955	38.49	ug/l	85
29) Tetrahydrofuran	7.22	42	1005874	187.85	ug/l	94
30) Chloroform	7.37	83	1608628	39.83	ug/l	100
31) Cyclohexane	7.65	56	1430527	34.06	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	1377757	39.60	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1239372	44.95	ug/l	98
37) Ethyl Acetate	6.93	43	700782	40.26	ug/l	96
38) Carbon Tetrachloride	7.78	117	1254097	45.15	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1332465	46.78	ug/l	95
40) Benzene	8.04	78	3717688	44.50	ug/l	98
41) Methacrylonitrile	7.18	41	385892	39.19	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	1137388	41.26	ug/l	96
43) Isopropyl Acetate	8.17	43	1258692	39.33	ug/l	95
44) Trichloroethene	8.84	130	989922	47.46	ug/l	91
45) 1,2-Dichloropropane	9.12	63	976214	42.49	ug/l	99
46) Dibromomethane	9.21	93	565314	44.54	ug/l	92
47) Bromodichloromethane	9.40	83	1245266	43.55	ug/l	97
48) Methyl methacrylate	9.20	41	635166	40.62	ug/l	87
49) 1,4-Dioxane	9.20	88	168681	913.46	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	3404830	199.78	ug/l	93
52) Toluene	10.16	92	2293148	47.18	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	1227386	45.15	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1450312	46.04	ug/l #	88
55) 1,1,2-Trichloroethane	10.56	97	805743	45.17	ug/l	98
56) Ethyl methacrylate	10.43	69	1002322	46.61	ug/l #	85
57) 1,3-Dichloropropane	10.71	76	1365107	44.63	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	1595911	229.08	ug/l	95
59) 2-Hexanone	10.75	43	2203831	207.52	ug/l	93
60) Dibromochloromethane	10.90	129	925831	46.81	ug/l	99
61) 1,2-Dibromoethane	11.01	107	760998	46.13	ug/l	100
64) Tetrachloroethene	10.63	164	973279	47.67	ug/l	98
65) Chlorobenzene	11.44	112	2476888	47.12	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	926259	46.33	ug/l	99
67) Ethyl Benzene	11.51	91	4337177	47.83	ug/l	99
68) m/p-Xylenes	11.62	106	3317332	100.04	ug/l	98
69) o-Xylene	11.95	106	1608294	50.36	ug/l	95
70) Styrene	11.97	104	2623646	51.89	ug/l	97
71) Bromoform	12.13	173	620230	49.63	ug/l	100
73) Isopropylbenzene	12.25	105	4273617	42.31	ug/l	98
74) N-amyl acetate	12.07	43	1047525	36.40	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.51	83	936981	36.34	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	829459m	40.42	ug/l	
77) Bromobenzene	12.53	156	1064730	42.95	ug/l	90
78) n-propylbenzene	12.59	91	4918851	43.83	ug/l	98
79) 2-Chlorotoluene	12.68	91	2918933	41.24	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	3518589	45.43	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	257082	40.84	ug/l	90
82) 4-Chlorotoluene	12.78	91	2916865	43.45	ug/l	97
83) tert-Butylbenzene	13.00	119	2959150	44.35	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	3533269	45.89	ug/l	98
85) sec-Butylbenzene	13.17	105	3999748	44.97	ug/l	98
86) p-Isopropyltoluene	13.29	119	3461725	48.05	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	1847842	46.76	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	1813032	46.58	ug/l	99
89) n-Butylbenzene	13.62	91	2761179	49.65	ug/l	97
90) Hexachloroethane	13.88	117	668453	39.37	ug/l	89
91) 1,2-Dichlorobenzene	13.66	146	1821084	46.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	141421	40.25	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	769016	53.92	ug/l	98
94) Hexachlorobutadiene	15.01	225	576160	49.01	ug/l	98
95) Naphthalene	15.14	128	1485331	47.82	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	780561	50.84	ug/l	98

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

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