

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072418\
 Data File : VN050014.D
 Acq On : 23 Jul 2018 19:12
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/26/2018 1:50:56 PM

Quant Time: Jul 24 06:18:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 05:50:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	702382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1014136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	955033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	525758	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	925386	95.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.70%	
35) Dibromofluoromethane	7.59	113	816061	95.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.70%	
50) Toluene-d8	10.09	98	3122672	100.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.52%	
62) 4-Bromofluorobenzene	12.40	95	1081974	102.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1030765	125.16	ug/l	100
3) Chloromethane	2.06	50	1024561	103.18	ug/l	99
4) Vinyl Chloride	2.18	62	1077253	102.31	ug/l	99
5) Bromomethane	2.54	94	638913	95.09	ug/l	99
6) Chloroethane	2.69	64	621261	91.83	ug/l	100
7) Trichlorofluoromethane	3.00	101	1366386	95.62	ug/l	100
8) Diethyl Ether	3.41	74	488220	98.74	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	811050	92.46	ug/l	100
10) Methyl Iodide	3.95	142	1200483	102.75	ug/l	99
11) Tert butyl alcohol	4.80	59	358069	516.25	ug/l	99
12) 1,1-Dichloroethene	3.73	96	768082	99.33	ug/l	97
13) Acrolein	3.61	56	297707	633.90	ug/l	99
14) Allyl chloride	4.32	41	1248455	102.99	ug/l	99
15) Acrylonitrile	5.00	53	1556774	513.04	ug/l	100
16) Acetone	3.82	43	1129245	448.72	ug/l	100
17) Carbon Disulfide	4.05	76	2324169	99.98	ug/l	100
18) Methyl Acetate	4.33	43	878515	91.22	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	2207719	104.74	ug/l	99
20) Methylene Chloride	4.55	84	850499	88.85	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	820972	100.62	ug/l	99
22) Diisopropyl ether	5.96	45	2567881	104.48	ug/l	98
23) Vinyl Acetate	5.90	43	9332596	541.84	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1513860	95.46	ug/l	100
25) 2-Butanone	6.84	43	1886821	524.73	ug/l	100
26) 2,2-Dichloropropane	6.83	77	1140931	92.82	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	923335	103.44	ug/l	99
28) Bromochloromethane	7.20	49	710054	99.87	ug/l	99
29) Tetrahydrofuran	7.22	42	1236995	546.82	ug/l	100
30) Chloroform	7.37	83	1534192	94.57	ug/l	99
31) Cyclohexane	7.65	56	1343478	90.45	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	1336171	95.13	ug/l	100
36) 1,1-Dichloropropene	7.80	75	1179095	103.99	ug/l	99
37) Ethyl Acetate	6.94	43	825473	106.39	ug/l	100
38) Carbon Tetrachloride	7.78	117	1189035	97.84	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1292739	110.19	ug/l	99
40) Benzene	8.04	78	3511126	101.41	ug/l	99
41) Methacrylonitrile	7.18	41	432143	113.52	ug/l #	84
42) 1,2-Dichloroethane	8.13	62	1120563	97.99	ug/l	100
43) Isopropyl Acetate	8.17	43	1476823	108.14	ug/l #	88
44) Trichloroethene	8.84	130	911423	100.50	ug/l	100
45) 1,2-Dichloropropane	9.12	63	916904	98.55	ug/l	98
46) Dibromomethane	9.21	93	564065	97.70	ug/l	99
47) Bromodichloromethane	9.41	83	1188462	99.65	ug/l	100
48) Methyl methacrylate	9.20	41	751669	109.69	ug/l	100
49) 1,4-Dioxane	9.20	88	200902	2102.67	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	4178170	549.87	ug/l	100
52) Toluene	10.16	92	2178407	105.80	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1252800	106.53	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1395295	107.15	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	808189	95.32	ug/l	99
56) Ethyl methacrylate	10.43	69	1117464	113.55	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1349927	100.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2614364	582.21	ug/l	100
59) 2-Hexanone	10.75	43	2895227	568.10	ug/l	99
60) Dibromochloromethane	10.90	129	933739	100.48	ug/l	99
61) 1,2-Dibromoethane	11.01	107	823770	103.74	ug/l	99
64) Tetrachloroethene	10.63	164	864026	98.89	ug/l	100
65) Chlorobenzene	11.44	112	2360777	97.96	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	892628	95.69	ug/l	100
67) Ethyl Benzene	11.51	91	4173098	106.78	ug/l	100
68) m/p-Xylenes	11.62	106	3175779	214.91	ug/l	100
69) o-Xylene	11.95	106	1531729	107.98	ug/l	99
70) Styrene	11.97	104	2508973	109.68	ug/l	99
71) Bromoform	12.13	173	681802	102.57	ug/l	99
73) Isopropylbenzene	12.25	105	4077324	101.47	ug/l	100
74) N-amyl acetate	12.07	43	1294215	106.06	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1062652	88.47	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	867686m	88.22	ug/l	
77) Bromobenzene	12.53	156	1050288	94.69	ug/l	99
78) n-propylbenzene	12.59	91	4716022	103.30	ug/l	100
79) 2-Chlorotoluene	12.68	91	2774613	99.00	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	3340410	103.85	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	329480	104.27	ug/l	97
82) 4-Chlorotoluene	12.78	91	2831445	100.77	ug/l	99
83) tert-Butylbenzene	12.99	119	2859749	101.51	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	3424502	105.13	ug/l	99
85) sec-Butylbenzene	13.17	105	3866031	103.68	ug/l	100
86) p-Isopropyltoluene	13.29	119	3406508	107.14	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1869825	96.90	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1835815	95.00	ug/l	99
89) n-Butylbenzene	13.62	91	2881419	109.93	ug/l	99
90) Hexachloroethane	13.88	117	628186	88.13	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	1817876	95.89	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	180112	96.35	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	1025728	117.79	ug/l	98
94) Hexachlorobutadiene	15.01	225	549209	88.54	ug/l	99
95) Naphthalene	15.14	128	2437106	127.32	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	998993	110.28	ug/l	99

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

