

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092018\
 Data File : VN051340.D
 Acq On : 20 Sep 2018 15:06
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 2:48:11 PM

Quant Time: Sep 21 04:14:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 03:27:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	698157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	917079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	874905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	487430	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	723959	95.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.34%	
35) Dibromofluoromethane	7.59	113	730668	98.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.18%	
50) Toluene-d8	10.09	98	2809966	98.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.26%	
62) 4-Bromofluorobenzene	12.40	95	959875	103.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	557245	95.514	ug/l	96
3) Chloromethane	2.06	50	749938	90.605	ug/l	99
4) Vinyl Chloride	2.18	62	797730	97.003	ug/l	99
5) Bromomethane	2.55	94	552144	96.254	ug/l	96
6) Chloroethane	2.70	64	496455	98.230	ug/l	97
7) Trichlorofluoromethane	3.01	101	1154803	98.224	ug/l	98
8) Diethyl Ether	3.41	74	390512	103.811	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	697026	96.622	ug/l	99
10) Methyl Iodide	3.95	142	1167354	109.339	ug/l	99
11) Tert butyl alcohol	4.79	59	206415	514.528	ug/l	99
12) 1,1-Dichloroethene	3.74	96	654196	100.174	ug/l	99
13) Acrolein	3.61	56	258894	563.844	ug/l	98
14) Allyl chloride	4.32	41	965248	104.865	ug/l	99
15) Acrylonitrile	4.99	53	1057068	519.945	ug/l	99
16) Acetone	3.82	43	697137	448.478	ug/l	98
17) Carbon Disulfide	4.05	76	1951524	99.175	ug/l	98
18) Methyl Acetate	4.33	43	455741	85.321	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1701251	107.638	ug/l	99
20) Methylene Chloride	4.55	84	737585	94.826	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	706217	102.390	ug/l	98
22) Diisopropyl ether	5.95	45	1921653	105.688	ug/l	98
23) Vinyl Acetate	5.90	43	6414990	545.450	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1225194	98.852	ug/l	99
25) 2-Butanone	6.84	43	1084959	501.825	ug/l	99
26) 2,2-Dichloropropane	6.83	77	1016942	99.296	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	794942	104.009	ug/l	99
28) Bromochloromethane	7.20	49	528542	102.891	ug/l	97
29) Tetrahydrofuran	7.21	42	714363	521.537	ug/l	99
30) Chloroform	7.37	83	1264858	97.107	ug/l	97
31) Cyclohexane	7.65	56	1114400	91.383	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	1120104	99.806	ug/l	99
36) 1,1-Dichloropropene	7.79	75	989600	105.493	ug/l	99
37) Ethyl Acetate	6.93	43	487888	105.056	ug/l	98
38) Carbon Tetrachloride	7.77	117	1042334	102.712	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1246946	113.898	ug/l	99
40) Benzene	8.04	78	2923861	103.445	ug/l	100
41) Methacrylonitrile	7.18	41	270577	111.839	ug/l	94
42) 1,2-Dichloroethane	8.12	62	859464	100.660	ug/l	100
43) Isopropyl Acetate	8.17	43	889326	109.346	ug/l	99
44) Trichloroethene	8.84	130	842402	103.823	ug/l	97
45) 1,2-Dichloropropane	9.12	63	743650	102.816	ug/l	100
46) Dibromomethane	9.21	93	450728	101.090	ug/l	99
47) Bromodichloromethane	9.40	83	985075	103.578	ug/l	99
48) Methyl methacrylate	9.20	41	456844	110.180	ug/l	98
49) 1,4-Dioxane	9.20	88	133578	2178.459	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	2416464	552.349	ug/l	100
52) Toluene	10.16	92	1915286	110.047	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1032228	113.042	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1171271	110.780	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	653659	100.129	ug/l	99
56) Ethyl methacrylate	10.43	69	826915	119.925	ug/l	98
57) 1,3-Dichloropropane	10.71	76	1080067	105.034	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2048557	604.241	ug/l	99
59) 2-Hexanone	10.75	43	1618045	548.587	ug/l	100
60) Dibromochloromethane	10.90	129	810605	106.479	ug/l	100
61) 1,2-Dibromoethane	11.00	107	667435	106.344	ug/l	100
64) Tetrachloroethene	10.63	164	784924	102.881	ug/l	99
65) Chlorobenzene	11.43	112	2175253	104.067	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	807380	101.463	ug/l	100
67) Ethyl Benzene	11.51	91	3642514	111.394	ug/l	100
68) m/p-Xylenes	11.62	106	2895077	225.357	ug/l	100
69) o-Xylene	11.95	106	1391793	112.385	ug/l	100
70) Styrene	11.96	104	2255325	117.326	ug/l	100
71) Bromoform	12.13	173	575101	106.489	ug/l #	99
73) Isopropylbenzene	12.25	105	3725455	104.286	ug/l	99
74) N-amyl acetate	12.07	43	790526	103.436	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	777662	88.210	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	617291m	87.698	ug/l	
77) Bromobenzene	12.53	156	978625	99.151	ug/l	100
78) n-propylbenzene	12.59	91	4150156	106.563	ug/l	100
79) 2-Chlorotoluene	12.67	91	2421972	100.910	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3094740	106.862	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	233828	115.005	ug/l	96
82) 4-Chlorotoluene	12.77	91	2454561	105.219	ug/l	100
83) tert-Butylbenzene	12.99	119	2746019	105.937	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	3131361	108.942	ug/l	100
85) sec-Butylbenzene	13.17	105	3683499	106.857	ug/l	100
86) p-Isopropyltoluene	13.29	119	3366356	112.212	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1709019	103.013	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1652973	102.782	ug/l	100
89) n-Butylbenzene	13.61	91	2710176	116.212	ug/l	99
90) Hexachloroethane	13.87	117	587864	91.500	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1619603	101.058	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	112978	96.756	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	962533	131.013	ug/l	99
94) Hexachlorobutadiene	15.01	225	609010	97.917	ug/l	99
95) Naphthalene	15.13	128	1788691	138.112	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	907772	124.188	ug/l	99

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

