

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052228.D
 Acq On : 9 Nov 2018 15:26
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:18:46 AM

Quant Time: Nov 12 00:12:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Sun Nov 11 23:43:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	289754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	492952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	448053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	210221	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	391908	98.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.78%	
35) Dibromofluoromethane	7.59	113	323902	101.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.88%	
50) Toluene-d8	10.09	98	1265668	101.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.54%	
62) 4-Bromofluorobenzene	12.40	95	426391	105.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	320689	101.803	ug/l	97
3) Chloromethane	2.06	50	434301	98.749	ug/l	99
4) Vinyl Chloride	2.19	62	361453	98.642	ug/l	100
5) Bromomethane	2.56	94	215958	92.890	ug/l	96
6) Chloroethane	2.71	64	206000	94.670	ug/l	98
7) Trichlorofluoromethane	3.02	101	487055	95.485	ug/l	99
8) Diethyl Ether	3.41	74	195442	97.395	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	306066	93.169	ug/l	98
10) Methyl Iodide	3.96	142	453489	106.800	ug/l	100
11) Tert butyl alcohol	4.78	59	100783	509.267	ug/l	100
12) 1,1-Dichloroethene	3.74	96	293000	96.724	ug/l	100
13) Acrolein	3.61	56	178493	652.248	ug/l	95
14) Allyl chloride	4.33	41	612879	96.637	ug/l	97
15) Acrylonitrile	4.99	53	652383	522.558	ug/l	99
16) Acetone	3.82	43	506996	417.040	ug/l	100
17) Carbon Disulfide	4.06	76	903004	102.762	ug/l	99
18) Methyl Acetate	4.32	43	319541	102.290	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	881262	101.827	ug/l	100
20) Methylene Chloride	4.55	84	340459	101.452	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	318003	96.592	ug/l	97
22) Diisopropyl ether	5.95	45	1250555	97.882	ug/l	99
23) Vinyl Acetate	5.90	43	4562833	523.031	ug/l	99
24) 1,1-Dichloroethane	5.85	63	640997	95.457	ug/l	100
25) 2-Butanone	6.83	43	819291	484.663	ug/l	98
26) 2,2-Dichloropropane	6.83	77	480707	98.012	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	363447	98.622	ug/l	99
28) Bromochloromethane	7.20	49	331295	99.844	ug/l	100
29) Tetrahydrofuran	7.21	42	545195	501.793	ug/l	99
30) Chloroform	7.37	83	612564	96.388	ug/l	100
31) Cyclohexane	7.66	56	613917	78.768	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	522869	100.939	ug/l	99
36) 1,1-Dichloropropene	7.80	75	484856	97.447	ug/l	98
37) Ethyl Acetate	6.93	43	376655	102.598	ug/l	99
38) Carbon Tetrachloride	7.78	117	460222	102.067	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	578518	101.938	ug/l	99
40) Benzene	8.04	78	1400689	98.323	ug/l	100
41) Methacrylonitrile	7.18	41	208490	107.655	ug/l	97
42) 1,2-Dichloroethane	8.13	62	483208	96.675	ug/l	100
43) Isopropyl Acetate	8.17	43	676680	103.737	ug/l #	89
44) Trichloroethene	8.84	130	348002	97.485	ug/l	98
45) 1,2-Dichloropropane	9.12	63	392873	98.717	ug/l	100
46) Dibromomethane	9.21	93	227764	99.634	ug/l	99
47) Bromodichloromethane	9.40	83	476522	100.610	ug/l	99
48) Methyl methacrylate	9.20	41	346975	100.954	ug/l	99
49) 1,4-Dioxane	9.20	88	48862	1768.500	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1859582	516.213	ug/l	99
52) Toluene	10.16	92	858674	99.922	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	514211	110.018	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	576073	104.410	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	306459	98.665	ug/l	99
56) Ethyl methacrylate	10.43	69	445803	106.198	ug/l	99
57) 1,3-Dichloropropane	10.71	76	554279	99.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1237476	532.380	ug/l	99
59) 2-Hexanone	10.75	43	1285201	508.216	ug/l	100
60) Dibromochloromethane	10.90	129	345288	109.596	ug/l	98
61) 1,2-Dibromoethane	11.01	107	311423	102.019	ug/l	99
64) Tetrachloroethene	10.63	164	302982	96.583	ug/l	98
65) Chlorobenzene	11.43	112	935651	98.554	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	328600	102.179	ug/l	98
67) Ethyl Benzene	11.51	91	1679308	100.563	ug/l	99
68) m/p-Xylenes	11.62	106	1251714	201.274	ug/l	99
69) o-Xylene	11.95	106	603450	101.565	ug/l	99
70) Styrene	11.96	104	988689	102.997	ug/l	99
71) Bromoform	12.13	173	214195	111.646	ug/l #	100
73) Isopropylbenzene	12.25	105	1633411	95.050	ug/l	100
74) N-amyl acetate	12.07	43	644296	103.273	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	391150	92.846	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	356360m	105.664	ug/l	
77) Bromobenzene	12.53	156	376301	93.548	ug/l	97
78) n-propylbenzene	12.59	91	1945091	96.641	ug/l	99
79) 2-Chlorotoluene	12.67	91	1103193	94.614	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1312344	96.026	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	123263	113.125	ug/l	99
82) 4-Chlorotoluene	12.77	91	1136955	97.181	ug/l	99
83) tert-Butylbenzene	12.99	119	1131013	94.792	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1336845	97.016	ug/l	99
85) sec-Butylbenzene	13.17	105	1589446	97.141	ug/l	100
86) p-Isopropyltoluene	13.29	119	1354028	98.916	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	669947	95.671	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	672637	95.949	ug/l	100
89) n-Butylbenzene	13.61	91	1246910	102.298	ug/l	99
90) Hexachloroethane	13.87	117	246297	102.512	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	649289	95.009	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	59256	98.936	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	303508	112.312	ug/l	99
94) Hexachlorobutadiene	15.01	225	143927	98.014	ug/l	99
95) Naphthalene	15.13	128	748495	112.382	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	270822	105.998	ug/l	99

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

