

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101819\
 Data File : VN058847.D
 Acq On : 18 Oct 2019 10:21
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 10:43:29 AM

Quant Time: Oct 19 00:09:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 18 23:49:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	439340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	696033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	662723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	332372	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	626242	100.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.80%	
35) Dibromofluoromethane	7.57	113	451552	103.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.56%	
50) Toluene-d8	10.08	98	1815632	104.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.60%	
62) 4-Bromofluorobenzene	12.40	95	698828	107.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	525935	96.317	ug/l	100
3) Chloromethane	2.04	50	619964	94.428	ug/l	99
4) Vinyl Chloride	2.17	62	647164	99.068	ug/l	99
5) Bromomethane	2.53	94	397159m	98.767	ug/l	
6) Chloroethane	2.68	64	400667	98.896	ug/l	99
7) Trichlorofluoromethane	2.99	101	774888	97.782	ug/l	99
8) Diethyl Ether	3.39	74	282305	98.524	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	427209	95.848	ug/l	99
10) Methyl Iodide	3.93	142	603982	100.048	ug/l	99
11) Tert butyl alcohol	4.76	59	500444	493.784	ug/l	100
12) 1,1-Dichloroethene	3.71	96	419916	99.087	ug/l	98
13) Acrolein	3.58	56	384632	482.968	ug/l	98
14) Allyl chloride	4.30	41	862231	100.357	ug/l	99
15) Acrylonitrile	4.96	53	1348404	528.359	ug/l	99
16) Acetone	3.79	43	1530170	570.467	ug/l	99
17) Carbon Disulfide	4.03	76	1351199	99.119	ug/l	100
18) Methyl Acetate	4.30	43	659312	100.675	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	1527567	101.017	ug/l	99
20) Methylene Chloride	4.53	84	499172	93.369	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	469516	99.122	ug/l	97
22) Diisopropyl ether	5.92	45	1752262	104.683	ug/l	96
23) Vinyl Acetate	5.87	43	7086819	524.527	ug/l	96
24) 1,1-Dichloroethane	5.82	63	943099	99.374	ug/l	100
25) 2-Butanone	6.81	43	2028302	535.812	ug/l	99
26) 2,2-Dichloropropane	6.80	77	819844	94.737	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	533478	96.358	ug/l	99
28) Bromochloromethane	7.17	49	314722	95.490	ug/l	99
29) Tetrahydrofuran	7.19	42	1272644	525.288	ug/l	100
30) Chloroform	7.35	83	921130	96.314	ug/l	100
31) Cyclohexane	7.63	56	886928	97.400	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	807079	99.250	ug/l	99
36) 1,1-Dichloropropene	7.77	75	728008	102.425	ug/l	100
37) Ethyl Acetate	6.91	43	783138	107.755	ug/l	99
38) Carbon Tetrachloride	7.76	117	713325	102.998	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	857079	104.479	ug/l	99
40) Benzene	8.02	78	2102120	102.755	ug/l	98
41) Methacrylonitrile	7.16	41	344292m	104.404	ug/l	
42) 1,2-Dichloroethane	8.11	62	783294	99.791	ug/l	99
43) Isopropyl Acetate	8.15	43	1290723	105.066	ug/l	100
44) Trichloroethene	8.82	130	508728	100.690	ug/l	100
45) 1,2-Dichloropropane	9.11	63	570205	103.973	ug/l	100
46) Dibromomethane	9.19	93	361462	104.315	ug/l	98
47) Bromodichloromethane	9.39	83	750067	106.075	ug/l	100
48) Methyl methacrylate	9.19	41	608753	109.003	ug/l	100
49) 1,4-Dioxane	9.19	88	185255	2131.994	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	3724135	536.158	ug/l	94
52) Toluene	10.15	92	1306212	104.614	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	878699	108.428	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	925980	107.457	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	503478	98.457	ug/l	99
56) Ethyl methacrylate	10.42	69	855317	114.485	ug/l	100
57) 1,3-Dichloropropane	10.70	76	903327	103.445	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	1837095	519.910	ug/l	99
59) 2-Hexanone	10.75	43	2959966	549.728	ug/l	95
60) Dibromochloromethane	10.90	129	569059	107.777	ug/l	99
61) 1,2-Dibromoethane	11.00	107	535860	104.537	ug/l	100
64) Tetrachloroethene	10.63	164	448181	96.071	ug/l	99
65) Chlorobenzene	11.43	112	1367478	101.015	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	509452	101.679	ug/l	99
67) Ethyl Benzene	11.51	91	2498052	103.546	ug/l	95
68) m/p-Xylenes	11.62	106	1906807	210.687	ug/l	93
69) o-Xylene	11.95	106	903156	103.259	ug/l	97
70) Styrene	11.96	104	1554020	108.459	ug/l	99
71) Bromoform	12.13	173	413044	111.717	ug/l #	98
73) Isopropylbenzene	12.25	105	2443607	100.774	ug/l	98
74) N-amyl acetate	12.07	43	1196166	108.926	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	801505	99.537	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	695543m	92.982	ug/l	
77) Bromobenzene	12.53	156	578933	97.975	ug/l	99
78) n-propylbenzene	12.59	91	2895006	102.320	ug/l	98
79) 2-Chlorotoluene	12.68	91	1735233	98.833	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2124333	102.617	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	305324	109.555	ug/l	97
82) 4-Chlorotoluene	12.78	91	1820879	101.112	ug/l	100
83) tert-Butylbenzene	13.00	119	1805336	101.822	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2133744	103.684	ug/l	98
85) sec-Butylbenzene	13.17	105	2417562	103.370	ug/l	98
86) p-Isopropyltoluene	13.29	119	2202651	103.888	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	1084879	99.899	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	1067674	96.567	ug/l	99
89) n-Butylbenzene	13.62	91	2072621	105.694	ug/l	98
90) Hexachloroethane	13.88	117	408255	106.540	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	1045480	98.572	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	176105	93.376	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	650696	101.500	ug/l	99
94) Hexachlorobutadiene	15.01	225	327299	96.067	ug/l	98
95) Naphthalene	15.13	128	1919794	104.421	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	635877	101.387	ug/l	99

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

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