

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054461.D
 Acq On : 20 Mar 2019 12:36
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 3:16:56 PM

Quant Time: Mar 20 13:11:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 12:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	579795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	903005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	803986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	383295	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1001390	162.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	325.26%	
35) Dibromofluoromethane	7.59	113	849361	145.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.68%	
50) Toluene-d8	10.09	98	3218073	149.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.24%	
62) 4-Bromofluorobenzene	12.40	95	1135284	150.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	820550	149.327	ug/l	99
3) Chloromethane	2.06	50	1048931	196.515	ug/l	100
4) Vinyl Chloride	2.19	62	1073583	175.974	ug/l	99
5) Bromomethane	2.55	94	644046	152.424	ug/l	98
6) Chloroethane	2.70	64	619825	167.916	ug/l	98
7) Trichlorofluoromethane	3.02	101	1282126	158.068	ug/l	99
8) Diethyl Ether	3.41	74	483175	130.719	ug/l	75
9) 1,1,2-Trichlorotrifluoroet	3.75	101	729876	120.080	ug/l	97
10) Methyl Iodide	3.94	142	1203931	150.555	ug/l	95
11) Tert butyl alcohol	4.82	59	321760	762.248	ug/l	99
12) 1,1-Dichloroethene	3.73	96	749933	124.503	ug/l	84
13) Acrolein	3.61	56	478945	1197.378	ug/l	99
14) Allyl chloride	4.31	41	1554976	201.206	ug/l #	91
15) Acrylonitrile	4.99	53	1618628	933.497	ug/l	100
16) Acetone	3.82	43	1383212	784.571	ug/l	88
17) Carbon Disulfide	4.04	76	2283996	151.260	ug/l	99
18) Methyl Acetate	4.33	43	696287	195.209	ug/l	90
19) Methyl tert-butyl Ether	5.05	73	2341379	156.821	ug/l	96
20) Methylene Chloride	4.54	84	871907	150.616	ug/l #	85
21) trans-1,2-Dichloroethene	5.03	96	838838	145.348	ug/l	87
22) Diisopropyl ether	5.96	45	3055864	198.121	ug/l #	93
23) Vinyl Acetate	5.90	43	11564527	1016.893	ug/l #	94
24) 1,1-Dichloroethane	5.85	63	1603704	161.931	ug/l	99
25) 2-Butanone	6.85	43	2113415	1021.348	ug/l	90
26) 2,2-Dichloropropane	6.82	77	1202887	138.116	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	964899	149.864	ug/l	89
28) Bromochloromethane	7.19	49	792563	195.756	ug/l #	77
29) Tetrahydrofuran	7.22	42	1362823	1024.336	ug/l	87
30) Chloroform	7.37	83	1555432	150.510	ug/l	99
31) Cyclohexane	7.65	56	1552003	145.584	ug/l	88
32) 1,1,1-Trichloroethane	7.57	97	1366108	146.369	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1243028	149.476	ug/l	97
37) Ethyl Acetate	6.94	43	902185	188.812	ug/l	97
38) Carbon Tetrachloride	7.77	117	1222808	140.219	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1411305	137.934	ug/l	91
40) Benzene	8.04	78	3562617	149.710	ug/l	100
41) Methacrylonitrile	7.17	41	537682	197.082	ug/l	88
42) 1,2-Dichloroethane	8.12	62	1235585	153.791	ug/l	98
43) Isopropyl Acetate	8.17	43	1636456	195.116	ug/l #	95
44) Trichloroethene	8.83	130	974378	131.808	ug/l	95
45) 1,2-Dichloropropane	9.12	63	974269	164.880	ug/l	98
46) Dibromomethane	9.21	93	573035	143.529	ug/l	92
47) Bromodichloromethane	9.40	83	1240359	154.971	ug/l	98
48) Methyl methacrylate	9.20	41	868884	204.140	ug/l	87
49) 1,4-Dioxane	9.20	88	178744	2968.923	ug/l #	87
51) 4-Methyl-2-Pentanone	9.99	43	4456604	1004.079	ug/l	95
52) Toluene	10.16	92	2229122	147.734	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1316845	161.650	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1503961	161.249	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	797621	144.773	ug/l	97
56) Ethyl methacrylate	10.43	69	1188440	180.907	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	1408263	156.322	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2522507	1013.661	ug/l	92
59) 2-Hexanone	10.75	43	2954004	1000.216	ug/l	94
60) Dibromochloromethane	10.90	129	962246	155.169	ug/l	99
61) 1,2-Dibromoethane	11.01	107	823584	147.099	ug/l	99
64) Tetrachloroethene	10.63	164	893631	114.961	ug/l	95
65) Chlorobenzene	11.43	112	2399010	135.895	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	910227	141.935	ug/l	99
67) Ethyl Benzene	11.51	91	4267437	145.828	ug/l	99
68) m/p-Xylenes	11.62	106	3229960	282.401	ug/l	98
69) o-Xylene	11.95	106	1552530	139.245	ug/l	98
70) Styrene	11.96	104	2680586	153.296	ug/l	98
71) Bromoform	12.13	173	629020	148.187	ug/l #	100
73) Isopropylbenzene	12.25	105	4097206	133.608	ug/l	99
74) N-amyl acetate	12.07	43	1392612	204.590	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	985522	150.840	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	851165m	151.009	ug/l	
77) Bromobenzene	12.53	156	1047664	129.107	ug/l	88
78) n-propylbenzene	12.59	91	4576204	137.528	ug/l	97
79) 2-Chlorotoluene	12.68	91	2749712	137.437	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	3446635	135.121	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	279748	169.662	ug/l	92
82) 4-Chlorotoluene	12.77	91	2848291	142.574	ug/l	96
83) tert-Butylbenzene	12.99	119	2876920	122.535	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	3438423	137.404	ug/l	98
85) sec-Butylbenzene	13.17	105	3686984	121.091	ug/l	98
86) p-Isopropyltoluene	13.29	119	3421547	128.089	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1783021	130.400	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	1760082	131.033	ug/l	99
89) n-Butylbenzene	13.62	91	2848857	140.364	ug/l	99
90) Hexachloroethane	13.88	117	600294	135.718	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	1700071	127.183	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	160370	158.621	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1012032	146.491	ug/l	98
94) Hexachlorobutadiene	15.01	225	495293	97.278	ug/l	99
95) Naphthalene	15.13	128	2338532	164.567	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	957120	134.763	ug/l	99

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

