

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080719\
 Data File : VN057117.D
 Acq On : 7 Aug 2019 20:58
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 8/8/2019 2:40:39 PM

Quant Time: Aug 08 05:35:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 04:56:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1192440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.00	114	1812143	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1675416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	754143	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	1798998	145.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.52%	
35) Dibromofluoromethane	6.98	113	1663917	145.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.64%	
50) Toluene-d8	9.56	98	6395657	148.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.26%	
62) 4-Bromofluorobenzene	11.92	95	2327826	168.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	336.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.82	85	1349069	145.222	ug/l	97
3) Chloromethane	2.00	50	1801736	144.928	ug/l	100
4) Vinyl Chloride	2.11	62	1768419	148.870	ug/l	100
5) Bromomethane	2.39	94	1151175	160.888	ug/l	100
6) Chloroethane	2.53	64	1049006	179.442	ug/l	98
7) Trichlorofluoromethane	2.82	101	2509528	153.143	ug/l	100
8) Diethyl Ether	3.13	74	994090	148.721	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.43	101	1491258	143.738	ug/l	98
10) Methyl Iodide	3.62	142	2458211	198.053	ug/l	99
11) Tert butyl alcohol	4.24	59	1302796	971.345	ug/l	100
12) 1,1-Dichloroethene	3.43	96	1557258	149.761	ug/l	98
13) Acrolein	3.30	56	793055	705.657	ug/l	99
14) Allyl chloride	3.91	41	2286945	146.484	ug/l	100
15) Acrylonitrile	4.44	53	3710588	849.721	ug/l	99
16) Acetone	3.47	43	2722760	720.423	ug/l	100
17) Carbon Disulfide	3.72	76	4295295	168.843	ug/l	99
18) Methyl Acetate	3.89	43	1655624	126.605	ug/l	98
19) Methyl tert-butyl Ether	4.49	73	4760387	156.327	ug/l	99
20) Methylene Chloride	4.09	84	1767994	148.033	ug/l	98
21) trans-1,2-Dichloroethene	4.50	96	1652784	150.858	ug/l	99
22) Diisopropyl ether	5.31	45	4791866	146.174	ug/l	96
23) Vinyl Acetate	5.26	43	19585693	800.051	ug/l	99
24) 1,1-Dichloroethane	5.24	63	2913152	144.357	ug/l	99
25) 2-Butanone	6.20	43	4501209	834.928	ug/l	99
26) 2,2-Dichloropropane	6.21	77	2199951	143.013	ug/l	99
27) cis-1,2-Dichloroethene	6.21	96	1920138	150.131	ug/l	99
28) Bromochloromethane	6.58	49	1310622	146.771	ug/l	99
29) Tetrahydrofuran	6.60	42	2946165	839.998	ug/l	100
30) Chloroform	6.75	83	2978136	147.239	ug/l	99
31) Cyclohexane	7.06	56	2543020	142.345	ug/l	97
32) 1,1,1-Trichloroethane	6.97	97	2645480	156.879	ug/l	99
36) 1,1-Dichloropropene	7.20	75	2307511	146.594	ug/l	100
37) Ethyl Acetate	6.28	43	1839762	153.324	ug/l #	99
38) Carbon Tetrachloride	7.18	117	2355930	155.350	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.52	83	2741304	150.468	ug/l	97
40) Benzene	7.46	78	6987285	143.824	ug/l	99
41) Methacrylonitrile	6.54	41	1038370	205.667	ug/l	96
42) 1,2-Dichloroethane	7.54	62	2187910	143.861	ug/l	100
43) Isopropyl Acetate	7.56	43	3233730	147.763	ug/l	99
44) Trichloroethene	8.27	130	1976392	148.898	ug/l	99
45) 1,2-Dichloropropane	8.56	63	1832559	145.861	ug/l	99
46) Dibromomethane	8.65	93	1174968	150.187	ug/l	99
47) Bromodichloromethane	8.85	83	2390037	159.252	ug/l	98
48) Methyl methacrylate	8.63	41	1520913	157.929	ug/l	99
49) 1,4-Dioxane	8.64	88	623799	3187.959	ug/l	98
51) 4-Methyl-2-Pentanone	9.45	43	9639347	881.884	ug/l	99
52) Toluene	9.63	92	4452531	150.955	ug/l	99
53) t-1,3-Dichloropropene	9.85	75	2645786	168.059	ug/l	99
54) cis-1,3-Dichloropropene	9.30	75	2942017	159.377	ug/l	99
55) 1,1,2-Trichloroethane	10.04	97	1716734	152.510	ug/l	98
56) Ethyl methacrylate	9.90	69	2714260	175.996	ug/l	99
57) 1,3-Dichloropropane	10.19	76	2863143	153.206	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.15	63	5068123	910.865	ug/l	99
59) 2-Hexanone	10.24	43	6843570	872.695	ug/l	100
60) Dibromochloromethane	10.39	129	2017602	172.261	ug/l	100
61) 1,2-Dibromoethane	10.50	107	1843031	160.305	ug/l	100
64) Tetrachloroethene	10.11	164	1882076	133.529	ug/l	96
65) Chlorobenzene	10.93	112	5015056	148.267	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.01	131	1892900	151.883	ug/l	100
67) Ethyl Benzene	11.01	91	8804956	151.229	ug/l	100
68) m/p-Xylenes	11.12	106	6697084	305.370	ug/l	99
69) o-Xylene	11.46	106	3259668	151.296	ug/l	100
70) Styrene	11.47	104	5682867	165.404	ug/l	99
71) Bromoform	11.64	173	1553485	176.467	ug/l #	99
73) Isopropylbenzene	11.76	105	8827260	144.085	ug/l	99
74) N-amyl acetate	11.58	43	2727092	151.680	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.02	83	2293992	133.117	ug/l	100
76) 1,2,3-Trichloropropane	12.08	75	2102884m	147.702	ug/l	
77) Bromobenzene	12.04	156	2360524	144.684	ug/l	99
78) n-propylbenzene	12.11	91	9960095	158.524	ug/l	100
79) 2-Chlorotoluene	12.20	91	5882657	146.340	ug/l	99
80) 1,3,5-Trimethylbenzene	12.26	105	7558272	147.714	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.82	75	768790	170.348	ug/l	95
82) 4-Chlorotoluene	12.29	91	5842762	154.993	ug/l	99
83) tert-Butylbenzene	12.52	119	6666460	147.409	ug/l	98
84) 1,2,4-Trimethylbenzene	12.57	105	7306392	149.346	ug/l	99
85) sec-Butylbenzene	12.70	105	8641266	154.790	ug/l	99
86) p-Isopropyltoluene	12.82	119	7858196	159.264	ug/l	99
87) 1,3-Dichlorobenzene	12.81	146	3742822	148.552	ug/l	99
88) 1,4-Dichlorobenzene	12.89	146	3628768	149.761	ug/l	100
89) n-Butylbenzene	13.15	91	6097418	161.689	ug/l	99
90) Hexachloroethane	13.41	117	1355983	158.605	ug/l	98
91) 1,2-Dichlorobenzene	13.19	146	3512351	140.401	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.81	75	392397	160.343	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.45	180	1862513	165.615	ug/l	100
94) Hexachlorobutadiene	14.55	225	1262512	126.213	ug/l	99
95) Naphthalene	14.66	128	4563415	199.370	ug/l	100
96) 1,2,3-Trichlorobenzene	14.83	180	1912448	166.043	ug/l	99

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

