

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062367.D
 Acq On : 6 Jul 2020 14:26
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 10:08:46 AM

Quant Time: Jul 07 05:00:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 04:35:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	1132739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1916907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1826059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	944732	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	2860522	166.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	333.78%	
35) Dibromofluoromethane	7.55	113	1898807	149.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.18%	
50) Toluene-d8	10.06	98	6637526	131.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	263.24%	
62) 4-Bromofluorobenzene	12.38	95	2882953	165.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	331.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	1809643	140.178	ug/l	98
3) Chloromethane	2.04	50	2607542	150.744	ug/l	98
4) Vinyl Chloride	2.16	62	2167644	110.417	ug/l	99
5) Bromomethane	2.50	94	1161490	94.485	ug/l	98
6) Chloroethane	2.65	64	1287905m	98.250	ug/l	
7) Trichlorofluoromethane	2.97	101	2925775	116.797	ug/l	99
8) Diethyl Ether	3.37	74	1201063	137.734	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	1679199	129.349	ug/l	99
10) Methyl Iodide	3.91	142	2330323	157.287	ug/l	98
11) Tert butyl alcohol	4.74	59	2169427	890.737	ug/l	100
12) 1,1-Dichloroethene	3.69	96	1622995	125.970	ug/l	99
13) Acrolein	3.56	56	926221	453.047	ug/l	97
14) Allyl chloride	4.27	41	4311131	220.052	ug/l	97
15) Acrylonitrile	4.93	53	5751721	883.045	ug/l	99
16) Acetone	3.77	43	6282287	991.861	ug/l	97
17) Carbon Disulfide	4.00	76	5092904	123.782	ug/l	99
18) Methyl Acetate	4.28	43	2818354	201.878	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	6621455	156.055	ug/l	100
20) Methylene Chloride	4.50	84	2043158	127.857	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	1835936	125.661	ug/l	99
22) Diisopropyl ether	5.90	45	8338897	190.965	ug/l	97
23) Vinyl Acetate	5.84	43	23723868	667.471	ug/l #	74
24) 1,1-Dichloroethane	5.80	63	4039440	151.686	ug/l	100
25) 2-Butanone	6.79	43	8673326	1013.058	ug/l	95
26) 2,2-Dichloropropane	6.77	77	3307366	150.250	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	2128245	128.815	ug/l	99
28) Bromochloromethane	7.15	49	2303808	188.041	ug/l	100
29) Tetrahydrofuran	7.17	42	5813192	1039.336	ug/l	99
30) Chloroform	7.33	83	3808014	142.327	ug/l	97
31) Cyclohexane	7.61	56	3608345	157.800	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	3317697	147.105	ug/l	99
36) 1,1-Dichloropropene	7.75	75	2904594	148.692	ug/l	99
37) Ethyl Acetate	6.88	43	3682964	209.399	ug/l	99
38) Carbon Tetrachloride	7.73	117	2912062	156.360	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	3201703	150.399	ug/l	96
40) Benzene	8.00	78	7811002	132.413	ug/l	93
41) Methacrylonitrile	7.13	41	1880189	235.601	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	3534207	169.802	ug/l	99
43) Isopropyl Acetate	8.13	43	6065751	211.080	ug/l #	91
44) Trichloroethene	8.80	130	1927482	130.827	ug/l	97
45) 1,2-Dichloropropane	9.08	63	2406824	160.877	ug/l	98
46) Dibromomethane	9.17	93	1475241	148.155	ug/l	98
47) Bromodichloromethane	9.37	83	3176845	156.687	ug/l	96
48) Methyl methacrylate	9.17	41	3162170	239.498	ug/l	99
49) 1,4-Dioxane	9.17	88	818060	3146.141	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	11374649	683.469	ug/l #	70
52) Toluene	10.12	92	5006495	140.165	ug/l	85
53) t-1,3-Dichloropropene	10.35	75	3674377	164.219	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	3811185	161.083	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	2017962	143.759	ug/l	99
56) Ethyl methacrylate	10.40	69	3560461	183.211	ug/l	99
57) 1,3-Dichloropropane	10.68	76	3663673	149.054	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	6294419	861.826	ug/l	95
59) 2-Hexanone	10.72	43	9629277	792.762	ug/l	76
60) Dibromochloromethane	10.88	129	2376663	157.441	ug/l	99
61) 1,2-Dibromoethane	10.98	107	2126209	147.133	ug/l	98
64) Tetrachloroethene	10.60	164	1617719	130.617	ug/l	99
65) Chlorobenzene	11.41	112	5124913	128.282	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.48	131	2067138	148.208	ug/l	99
67) Ethyl Benzene	11.48	91	7998654	117.590	ug/l #	72
68) m/p-Xylenes	11.60	106	6938938	266.472	ug/l #	67
69) o-Xylene	11.92	106	3581982	145.872	ug/l	80
70) Styrene	11.94	104	5881629	143.321	ug/l	95
71) Bromoform	12.10	173	1716276	170.564	ug/l #	100
73) Isopropylbenzene	12.22	105	7832144	107.380	ug/l	86
74) N-amyl acetate	12.05	43	5470832	207.036	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	3145545	128.605	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	2931440m	131.589	ug/l	
77) Bromobenzene	12.50	156	2348888	130.500	ug/l	94
78) n-propylbenzene	12.57	91	8610635	102.884	ug/l	82
79) 2-Chlorotoluene	12.65	91	6373015	125.322	ug/l	94
80) 1,3,5-Trimethylbenzene	12.71	105	7088638	119.234	ug/l	86
81) trans-1,4-Dichloro-2-buten	12.27	75	1250071	162.284	ug/l	95
82) 4-Chlorotoluene	12.75	91	6657970	126.608	ug/l	94
83) tert-Butylbenzene	12.97	119	6353371	125.573	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	7117484	120.157	ug/l	88
85) sec-Butylbenzene	13.15	105	7629003	113.542	ug/l	89
86) p-Isopropyltoluene	13.26	119	7017560	119.478	ug/l	88
87) 1,3-Dichlorobenzene	13.26	146	4156317	131.096	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	4189205	128.021	ug/l	98
89) n-Butylbenzene	13.59	91	6759275	137.409	ug/l	88
90) Hexachloroethane	13.85	117	1704939	145.844	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	4010370	130.387	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	715159	176.556	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	2400281	176.695	ug/l	99
94) Hexachlorobutadiene	14.98	225	1109215	177.748	ug/l	98
95) Naphthalene	15.10	128	6217021	159.501	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	2329250	168.124	ug/l	100

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

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