

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062061.D
 Acq On : 24 Jun 2020 11:42
 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
 6/25/2020 6:10:17 PM

Quant Time: Jun 24 12:04:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 11:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	271622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	483073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	459713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	232912	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	604236	166.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	332.22%	
35) Dibromofluoromethane	7.55	113	482849	157.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.00%	
50) Toluene-d8	10.06	98	1999402	164.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	329.86%	
62) 4-Bromofluorobenzene	12.38	95	726023	175.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	350.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	412977	135.831	ug/l	98
3) Chloromethane	2.03	50	532683	143.038	ug/l	99
4) Vinyl Chloride	2.16	62	662530	149.061	ug/l	99
5) Bromomethane	2.49	94	447787	133.308	ug/l	96
6) Chloroethane	2.65	64	452839	149.132	ug/l	100
7) Trichlorofluoromethane	2.97	101	835287	158.454	ug/l	99
8) Diethyl Ether	3.37	74	303211	167.214	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	419409	151.434	ug/l	98
10) Methyl Iodide	3.90	142	556481	184.139	ug/l	100
11) Tert butyl alcohol	4.74	59	426201	835.594	ug/l	100
12) 1,1-Dichloroethene	3.69	96	447036	161.359	ug/l	98
13) Acrolein	3.56	56	423205	1212.364	ug/l	98
14) Allyl chloride	4.27	41	651583	175.131	ug/l	100
15) Acrylonitrile	4.93	53	1161788	912.211	ug/l	100
16) Acetone	3.77	43	902628	811.352	ug/l	98
17) Carbon Disulfide	4.00	76	1356949	166.473	ug/l	100
18) Methyl Acetate	4.27	43	434296	142.880	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1519544	164.691	ug/l	99
20) Methylene Chloride	4.50	84	529234	149.869	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	503560	158.360	ug/l	98
22) Diisopropyl ether	5.90	45	1503078	176.820	ug/l	97
23) Vinyl Acetate	5.84	43	6329477	936.458	ug/l	100
24) 1,1-Dichloroethane	5.79	63	890669	160.913	ug/l	100
25) 2-Butanone	6.78	43	1443891	898.875	ug/l	99
26) 2,2-Dichloropropane	6.77	77	737932	157.631	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	569251	155.396	ug/l	100
28) Bromochloromethane	7.15	49	410021	165.752	ug/l	98
29) Tetrahydrofuran	7.17	42	971217	917.213	ug/l	100
30) Chloroform	7.33	83	892533	151.792	ug/l	100
31) Cyclohexane	7.61	56	763123	157.251	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	766378	153.265	ug/l	99
36) 1,1-Dichloropropene	7.75	75	701393	158.831	ug/l	99
37) Ethyl Acetate	6.88	43	614816	175.744	ug/l	99
38) Carbon Tetrachloride	7.73	117	649839	149.426	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	814503	171.209	ug/l	97
40) Benzene	8.00	78	2117369	157.517	ug/l	99
41) Methacrylonitrile	7.13	41	286070m	187.665	ug/l	
42) 1,2-Dichloroethane	8.09	62	715753	156.326	ug/l	99
43) Isopropyl Acetate	8.12	43	1051220	179.478	ug/l	100
44) Trichloroethene	8.80	130	520892	148.643	ug/l	98
45) 1,2-Dichloropropane	9.08	63	528939	160.316	ug/l	99
46) Dibromomethane	9.17	93	352171	152.481	ug/l	100
47) Bromodichloromethane	9.37	83	735542	155.060	ug/l	99
48) Methyl methacrylate	9.17	41	491934	183.821	ug/l	97
49) 1,4-Dioxane	9.17	88	204616	3322.923	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	3151182	904.694	ug/l	98
52) Toluene	10.12	92	1388517	164.891	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	875939	172.923	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	918619	167.327	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	526929	158.860	ug/l	99
56) Ethyl methacrylate	10.40	69	844109	190.105	ug/l	98
57) 1,3-Dichloropropane	10.68	76	917853	163.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1622108	927.742	ug/l	99
59) 2-Hexanone	10.72	43	2399877	958.941	ug/l	99
60) Dibromochloromethane	10.87	129	575713	156.947	ug/l	98
61) 1,2-Dibromoethane	10.98	107	550724	159.621	ug/l	100
64) Tetrachloroethene	10.60	164	425121	145.508	ug/l	98
65) Chlorobenzene	11.41	112	1446135	149.074	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	511940	151.887	ug/l	99
67) Ethyl Benzene	11.48	91	2621630	160.838	ug/l	99
68) m/p-Xylenes	11.60	106	2053654	326.681	ug/l	96
69) o-Xylene	11.92	106	989938	165.466	ug/l	98
70) Styrene	11.94	104	1776061	177.306	ug/l	99
71) Bromoform	12.10	173	404535	165.041	ug/l #	98
73) Isopropylbenzene	12.22	105	2599119	156.258	ug/l	99
74) N-amyl acetate	12.05	43	1068597	198.206	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	799811	146.780	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	758306m	163.519	ug/l	
77) Bromobenzene	12.50	156	612723	146.427	ug/l	96
78) n-propylbenzene	12.57	91	2980597	156.372	ug/l	99
79) 2-Chlorotoluene	12.65	91	1790202	156.514	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	2219412	161.573	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	307559	179.786	ug/l	99
82) 4-Chlorotoluene	12.75	91	1939748	164.302	ug/l	99
83) tert-Butylbenzene	12.97	119	1849315	158.791	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	2232390	164.855	ug/l	100
85) sec-Butylbenzene	13.15	105	2472910	161.778	ug/l	100
86) p-Isopropyltoluene	13.26	119	2270285	167.308	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1146210	150.970	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1139331	146.650	ug/l	100
89) n-Butylbenzene	13.59	91	1985614	174.491	ug/l	99
90) Hexachloroethane	13.85	117	413041	165.073	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	1082413	148.360	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	147306	166.615	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	570136	166.834	ug/l	99
94) Hexachlorobutadiene	14.99	225	198795	146.684	ug/l	99
95) Naphthalene	15.10	128	1801316	182.492	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	559740	164.529	ug/l	99

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

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