

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062403.D
 Acq On : 8 Jul 2020 12:15
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:54:56 AM

Quant Time: Jul 08 12:36:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 11:45:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	196112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	341143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	322444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	152251	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	470262	136.74	ug/l	0.00
Spiked Amount			Recovery	=	273.48%	
35) Dibromofluoromethane	7.55	113	329550	144.31	ug/l	0.00
Spiked Amount			Recovery	=	288.62%	
50) Toluene-d8	10.06	98	1328580	154.99	ug/l	0.00
Spiked Amount			Recovery	=	309.98%	
62) 4-Bromofluorobenzene	12.38	95	514728	157.71	ug/l	0.00
Spiked Amount			Recovery	=	315.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	305973	139.099	ug/l	97
3) Chloromethane	2.03	50	488572	147.581	ug/l	100
4) Vinyl Chloride	2.16	62	398670	141.590	ug/l	99
5) Bromomethane	2.50	94	208049	142.946	ug/l	97
6) Chloroethane	2.65	64	225971	137.660	ug/l	95
7) Trichlorofluoromethane	2.97	101	512487	134.380	ug/l	99
8) Diethyl Ether	3.37	74	231091	152.076	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	300851	138.574	ug/l	99
10) Methyl Iodide	3.91	142	425695	161.567	ug/l	99
11) Tert butyl alcohol	4.74	59	373007	762.056	ug/l	99
12) 1,1-Dichloroethene	3.69	96	305691	150.206	ug/l	95
13) Acrolein	3.56	56	286199	1138.120	ug/l	100
14) Allyl chloride	4.27	41	747041	152.129	ug/l	100
15) Acrylonitrile	4.93	53	1072268	823.925	ug/l	100
16) Acetone	3.78	43	916185	577.111	ug/l	99
17) Carbon Disulfide	4.00	76	970624	150.526	ug/l	100
18) Methyl Acetate	4.27	43	486243	136.510	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	1192040	154.339	ug/l	99
20) Methylene Chloride	4.50	84	386638	132.563	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	332031	147.546	ug/l	99
22) Diisopropyl ether	5.90	45	1446979	147.776	ug/l	97
23) Vinyl Acetate	5.84	43	6073199	798.592	ug/l	99
24) 1,1-Dichloroethane	5.80	63	737184	150.556	ug/l	100
25) 2-Butanone	6.79	43	1482300	728.674	ug/l	100
26) 2,2-Dichloropropane	6.77	77	565533	142.119	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	396204	154.192	ug/l	100
28) Bromochloromethane	7.15	49	405804	150.838	ug/l	100
29) Tetrahydrofuran	7.17	42	987149	760.172	ug/l	99
30) Chloroform	7.33	83	672306	142.179	ug/l	99
31) Cyclohexane	7.61	56	669351	147.498	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	563418	142.361	ug/l	99
36) 1,1-Dichloropropene	7.75	75	534315	147.931	ug/l	99
37) Ethyl Acetate	6.88	43	610700	145.275	ug/l	100
38) Carbon Tetrachloride	7.73	117	482556	135.376	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	594805	152.989	ug/l	99
40) Benzene	8.00	78	1561747	151.999	ug/l	99
41) Methacrylonitrile	7.13	41	287701	137.407	ug/l	97
42) 1,2-Dichloroethane	8.09	62	581024	131.663	ug/l	100
43) Isopropyl Acetate	8.13	43	1039947	148.101	ug/l	99
44) Trichloroethene	8.80	130	351105	143.980	ug/l	98
45) 1,2-Dichloropropane	9.09	63	456424	151.476	ug/l	99
46) Dibromomethane	9.18	93	259692	141.204	ug/l	98
47) Bromodichloromethane	9.37	83	564504	143.889	ug/l	99
48) Methyl methacrylate	9.17	41	513432	143.862	ug/l	99
49) 1,4-Dioxane	9.17	88	144894	2954.764	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	3066822	809.849	ug/l	98
52) Toluene	10.12	92	935219	153.576	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	667725	158.077	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	710590	156.296	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	363803	148.210	ug/l	98
56) Ethyl methacrylate	10.40	69	670451	169.211	ug/l	99
57) 1,3-Dichloropropane	10.68	76	683153	150.421	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1255981	895.690	ug/l	99
59) 2-Hexanone	10.72	43	2288030	804.652	ug/l	99
60) Dibromochloromethane	10.87	129	409885	148.221	ug/l	100
61) 1,2-Dibromoethane	10.98	107	381782	152.223	ug/l	99
64) Tetrachloroethene	10.60	164	285453	137.295	ug/l	96
65) Chlorobenzene	11.41	112	974161	146.650	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	360520	144.660	ug/l	99
67) Ethyl Benzene	11.48	91	1854611	157.805	ug/l	98
68) m/p-Xylenes	11.60	106	1334611	310.607	ug/l	98
69) o-Xylene	11.92	106	650008	153.362	ug/l	99
70) Styrene	11.94	104	1138041	162.470	ug/l	99
71) Bromoform	12.10	173	287339	147.799	ug/l #	99
73) Isopropylbenzene	12.22	105	1742783	152.573	ug/l	100
74) N-amyl acetate	12.05	43	960201	158.680	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	572350	143.034	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	562609m	152.888	ug/l	
77) Bromobenzene	12.50	156	401166	149.036	ug/l	99
78) n-propylbenzene	12.57	91	2115986	162.275	ug/l	100
79) 2-Chlorotoluene	12.65	91	1257375	151.759	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1505071	157.321	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	221140	167.129	ug/l	98
82) 4-Chlorotoluene	12.75	91	1333572	157.660	ug/l	100
83) tert-Butylbenzene	12.97	119	1250707	153.375	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1519432	160.462	ug/l	100
85) sec-Butylbenzene	13.15	105	1702626	163.543	ug/l	100
86) p-Isopropyltoluene	13.26	119	1508036	160.868	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	728276	151.021	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	726903	145.918	ug/l	99
89) n-Butylbenzene	13.59	91	1412966	174.858	ug/l	100
90) Hexachloroethane	13.85	117	292333	147.110	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	683129	147.834	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	122171	158.013	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	407265	188.274	ug/l	98
94) Hexachlorobutadiene	14.98	225	179318	132.477	ug/l	99
95) Naphthalene	15.10	128	1143447	199.434	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	393676	177.379	ug/l	99

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

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