

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\
 Data File : VN063152.D
 Acq On : 31 Aug 2020 14:59
 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
 9/1/2020 9:07:27 AM

Quant Time: Sep 01 03:15:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 02:43:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	479588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	914135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	842551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	414768	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	1205116	173.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	346.32%	
35) Dibromofluoromethane	7.55	113	931579	126.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	252.02%	
50) Toluene-d8	10.06	98	3472934	128.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	257.40%	
62) 4-Bromofluorobenzene	12.38	95	1270249	136.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	272.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	696277	134.118	ug/l	98
3) Chloromethane	2.03	50	915782	136.673	ug/l	99
4) Vinyl Chloride	2.17	62	1101240	152.349	ug/l	99
5) Bromomethane	2.52	94	971682	195.382	ug/l	97
6) Chloroethane	2.67	64	869667	174.578	ug/l	98
7) Trichlorofluoromethane	2.98	101	1427376	142.165	ug/l	96
8) Diethyl Ether	3.37	74	537312	156.461	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	764210	128.802	ug/l	99
10) Methyl Iodide	3.91	142	1090185	138.300	ug/l	100
11) Tert butyl alcohol	4.73	59	718536	1213.774	ug/l	100
12) 1,1-Dichloroethene	3.70	96	773938	145.516	ug/l	98
13) Acrolein	3.57	56	280576	898.692	ug/l	98
14) Allyl chloride	4.28	41	1478012	171.524	ug/l	99
15) Acrylonitrile	4.93	53	2029099	923.082	ug/l	99
16) Acetone	3.78	43	1639520	884.685	ug/l	99
17) Carbon Disulfide	4.01	76	2323961	145.939	ug/l	99
18) Methyl Acetate	4.27	43	885470	133.906	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	3003179	195.350	ug/l	99
20) Methylene Chloride	4.50	84	928869	139.867	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	920484	161.860	ug/l	97
22) Diisopropyl ether	5.90	45	3220817	182.955	ug/l	94
23) Vinyl Acetate	5.84	43	11842635	920.244	ug/l #	89
24) 1,1-Dichloroethane	5.80	63	1749116	157.364	ug/l	99
25) 2-Butanone	6.78	43	2741948	1020.702	ug/l	99
26) 2,2-Dichloropropane	6.78	77	1534677	173.656	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	1069752	170.012	ug/l	99
28) Bromochloromethane	7.15	49	899368	175.600	ug/l	97
29) Tetrahydrofuran	7.16	42	1854491	1084.586	ug/l	98
30) Chloroform	7.33	83	1830122	160.194	ug/l	97
31) Cyclohexane	7.61	56	1472598	141.769	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	1621667	163.285	ug/l	99
36) 1,1-Dichloropropene	7.75	75	1346302	134.752	ug/l	99
37) Ethyl Acetate	6.88	43	1236663	170.359	ug/l #	95
38) Carbon Tetrachloride	7.74	117	1390686	129.796	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	1451152	138.840	ug/l	99
40) Benzene	8.00	78	3886582	127.526	ug/l	100
41) Methacrylonitrile	7.13	41	554827	153.716	ug/l	91
42) 1,2-Dichloroethane	8.08	62	1482109	143.845	ug/l	100
43) Isopropyl Acetate	8.13	43	2230110	175.493	ug/l	99
44) Trichloroethene	8.80	130	956972	120.889	ug/l	97
45) 1,2-Dichloropropane	9.08	63	1015408	123.789	ug/l	96
46) Dibromomethane	9.17	93	696879	135.307	ug/l	98
47) Bromodichloromethane	9.37	83	1489749	139.259	ug/l	99
48) Methyl methacrylate	9.16	41	1039896	165.736	ug/l	97
49) 1,4-Dioxane	9.17	88	285107	3199.801	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	5443923	769.573	ug/l	90
52) Toluene	10.13	92	2496564	137.671	ug/l	93
53) t-1,3-Dichloropropene	10.35	75	1681626	156.126	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	1774417	151.461	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	942745	125.326	ug/l	99
56) Ethyl methacrylate	10.40	69	1511351	168.142	ug/l	98
57) 1,3-Dichloropropane	10.68	76	1675082	139.728	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	3701865	888.351	ug/l	97
59) 2-Hexanone	10.72	43	4182039	871.159	ug/l	95
60) Dibromochloromethane	10.87	129	1099827	133.825	ug/l	99
61) 1,2-Dibromoethane	10.98	107	1013777	142.985	ug/l	98
64) Tetrachloroethene	10.60	164	821280	111.338	ug/l	99
65) Chlorobenzene	11.41	112	2563146	123.649	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	1010798	125.669	ug/l	100
67) Ethyl Benzene	11.49	91	4418218	130.072	ug/l	90
68) m/p-Xylenes	11.59	106	3594732	282.364	ug/l	79
69) o-Xylene	11.92	106	1734546	141.404	ug/l	94
70) Styrene	11.94	104	3073912	153.944	ug/l	100
71) Bromoform	12.10	173	722439	127.886	ug/l #	99
73) Isopropylbenzene	12.23	105	4337451	135.553	ug/l	95
74) N-amyl acetate	12.05	43	2058324	198.018	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	1347179	139.518	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	1156819m	144.282	ug/l	
77) Bromobenzene	12.50	156	1044559	121.520	ug/l	98
78) n-propylbenzene	12.57	91	4855223	133.196	ug/l	93
79) 2-Chlorotoluene	12.65	91	3118399	139.772	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	3756734	146.549	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.28	75	520049	194.080	ug/l	96
82) 4-Chlorotoluene	12.75	91	3326217	148.067	ug/l	98
83) tert-Butylbenzene	12.97	119	3218001	143.551	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	3770545	145.638	ug/l	95
85) sec-Butylbenzene	13.15	105	4109113	138.409	ug/l	96
86) p-Isopropyltoluene	13.27	119	3815402	149.848	ug/l	96
87) 1,3-Dichlorobenzene	13.26	146	2013526	133.478	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	2027903	133.142	ug/l	99
89) n-Butylbenzene	13.59	91	3481131	162.472	ug/l	96
90) Hexachloroethane	13.85	117	740388	130.952	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	1971920	132.858	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	285692	179.471	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	1078744	156.879	ug/l	100
94) Hexachlorobutadiene	14.98	225	356438	77.012	ug/l	98
95) Naphthalene	15.11	128	3625794	216.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	1027530	144.459	ug/l	99

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

