

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064430.D
 Acq On : 4 Nov 2020 11:48
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:19:21 PM

Quant Time: Nov 04 12:10:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 11:31:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	356763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	612642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	583651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	280476	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	923801	158.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.52%	
35) Dibromofluoromethane	7.55	113	650994	159.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	318.46%	
50) Toluene-d8	10.06	98	2560897	166.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	333.80%	
62) 4-Bromofluorobenzene	12.37	95	1001876	168.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	337.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	666974	158.080	ug/l	98
3) Chloromethane	2.04	50	789133	168.558	ug/l	98
4) Vinyl Chloride	2.16	62	850630	186.405	ug/l	97
5) Bromomethane	2.51	94	534265	178.633	ug/l	98
6) Chloroethane	2.66	64	520410	186.933	ug/l	100
7) Trichlorofluoromethane	2.98	101	1158136	155.041	ug/l	98
8) Diethyl Ether	3.37	74	424515	176.483	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	564625	152.387	ug/l	99
10) Methyl Iodide	3.91	142	748559	154.819	ug/l	98
11) Tert butyl alcohol	4.75	59	543639	670.291	ug/l	99
12) 1,1-Dichloroethene	3.69	96	553710	158.247	ug/l	98
13) Acrolein	3.57	56	355438	1446.878	ug/l	98
14) Allyl chloride	4.27	41	1137385	159.554	ug/l	98
15) Acrylonitrile	4.93	53	1592022	869.448	ug/l	99
16) Acetone	3.78	43	1635525	752.764	ug/l	100
17) Carbon Disulfide	4.00	76	1684617	161.395	ug/l	99
18) Methyl Acetate	4.28	43	685361	156.976	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	2112750	158.507	ug/l	99
20) Methylene Chloride	4.50	84	660844	158.187	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	644733	163.623	ug/l	98
22) Diisopropyl ether	5.91	45	2484827	175.035	ug/l	94
23) Vinyl Acetate	5.85	43	10158164	855.312	ug/l	96
24) 1,1-Dichloroethane	5.79	63	1281880	162.808	ug/l	99
25) 2-Butanone	6.79	43	2408673	817.445	ug/l	99
26) 2,2-Dichloropropane	6.78	77	1164081	153.280	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	754374	167.653	ug/l	99
28) Bromochloromethane	7.15	49	665321	181.847	ug/l	100
29) Tetrahydrofuran	7.17	42	1515109	803.502	ug/l	99
30) Chloroform	7.33	83	1331649	158.431	ug/l	99
31) Cyclohexane	7.61	56	1081972	156.522	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	1190921	150.062	ug/l	98
36) 1,1-Dichloropropene	7.75	75	1002735	158.735	ug/l	98
37) Ethyl Acetate	6.88	43	1000934	158.834	ug/l	99
38) Carbon Tetrachloride	7.73	117	1054366	147.192	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	928033	150.633	ug/l	100
40) Benzene	8.00	78	2896640	163.691	ug/l	99
41) Methacrylonitrile	7.13	41	510740	166.401	ug/l #	89
42) 1,2-Dichloroethane	8.08	62	1156959	153.557	ug/l	99
43) Isopropyl Acetate	8.13	43	1739069	161.748	ug/l	99
44) Trichloroethene	8.80	130	717718	157.110	ug/l	99
45) 1,2-Dichloropropane	9.08	63	772005	162.649	ug/l	96
46) Dibromomethane	9.17	93	514123	157.790	ug/l	99
47) Bromodichloromethane	9.37	83	1107033	153.010	ug/l	100
48) Methyl methacrylate	9.17	41	879561	158.372	ug/l	98
49) 1,4-Dioxane	9.17	88	234531	2930.912	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	4869610	774.841	ug/l	95
52) Toluene	10.12	92	1845276	165.533	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	1276284	165.896	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	1329858	168.052	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	701669	160.267	ug/l	98
56) Ethyl methacrylate	10.40	69	1154670	174.964	ug/l	98
57) 1,3-Dichloropropane	10.68	76	1252715	167.784	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	2913035	848.397	ug/l	98
59) 2-Hexanone	10.72	43	3765445	815.213	ug/l	97
60) Dibromochloromethane	10.87	129	827238	162.284	ug/l	99
61) 1,2-Dibromoethane	10.98	107	741970	167.358	ug/l	100
64) Tetrachloroethene	10.60	164	645333	134.723	ug/l	98
65) Chlorobenzene	11.41	112	1933720	160.179	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	735248	152.228	ug/l	99
67) Ethyl Benzene	11.48	91	3556361	158.580	ug/l	96
68) m/p-Xylenes	11.59	106	2670494	321.820	ug/l	93
69) o-Xylene	11.92	106	1279307	159.850	ug/l	99
70) Styrene	11.94	104	2239331	170.717	ug/l	99
71) Bromoform	12.10	173	546743	147.229	ug/l #	99
73) Isopropylbenzene	12.22	105	3296570	153.574	ug/l	99
74) N-amyl acetate	12.04	43	1654904	175.611	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	997227	159.100	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	951059m	141.459	ug/l	
77) Bromobenzene	12.50	156	790455	151.717	ug/l	98
78) n-propylbenzene	12.57	91	3816052	157.063	ug/l	99
79) 2-Chlorotoluene	12.65	91	2408692	155.666	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	2784217	154.017	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	394767	166.989	ug/l	97
82) 4-Chlorotoluene	12.75	91	2565844	161.755	ug/l	99
83) tert-Butylbenzene	12.97	119	2209346	150.346	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	2847525	157.425	ug/l	99
85) sec-Butylbenzene	13.14	105	2814432	147.496	ug/l	99
86) p-Isopropyltoluene	13.26	119	2605799	152.024	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1437839	157.021	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1458083	156.325	ug/l	98
89) n-Butylbenzene	13.59	91	2312747	152.978	ug/l	98
90) Hexachloroethane	13.85	117	477201	149.140	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	1386337	152.217	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	224613	149.566	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	708093	161.745	ug/l	99
94) Hexachlorobutadiene	14.98	225	270903	102.492	ug/l	99
95) Naphthalene	15.10	128	2464417	179.694	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	688183	162.767	ug/l	98

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

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