

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064116.D
 Acq On : 14 Oct 2020 15:53
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/15/2020 12:17:27 PM

Quant Time: Oct 14 16:21:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 15:55:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	403142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	639764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	620141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	315054	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	539596	83.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	167.58%	
35) Dibromofluoromethane	7.55	113	439570	99.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.46%	
50) Toluene-d8	10.06	98	1730758	103.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.10%	
62) 4-Bromofluorobenzene	12.38	95	611635	98.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	367847	86.917	ug/l	100
3) Chloromethane	2.04	50	426773	85.505	ug/l	100
4) Vinyl Chloride	2.16	62	535230	103.478	ug/l	98
5) Bromomethane	2.52	94	414478	120.921	ug/l	97
6) Chloroethane	2.67	64	405016	124.713	ug/l	95
7) Trichlorofluoromethane	2.98	101	744769	93.285	ug/l	99
8) Diethyl Ether	3.37	74	237501	89.345	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	367823	87.116	ug/l	98
10) Methyl Iodide	3.91	142	546385	108.342	ug/l	100
11) Tert butyl alcohol	4.73	59	303885	427.443	ug/l	99
12) 1,1-Dichloroethene	3.70	96	369505	90.779	ug/l	98
13) Acrolein	3.57	56	246281	530.795	ug/l	99
14) Allyl chloride	4.28	41	581884	79.289	ug/l	98
15) Acrylonitrile	4.93	53	870090	422.701	ug/l	100
16) Acetone	3.77	43	766451	385.282	ug/l	99
17) Carbon Disulfide	4.01	76	1072267	89.809	ug/l	98
18) Methyl Acetate	4.27	43	385287	74.708	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	1150324	80.110	ug/l	99
20) Methylene Chloride	4.50	84	451619	88.397	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	423666	92.328	ug/l	99
22) Diisopropyl ether	5.90	45	1202307	79.848	ug/l	97
23) Vinyl Acetate	5.84	43	5562594	441.407	ug/l	100
24) 1,1-Dichloroethane	5.80	63	783201	88.815	ug/l	99
25) 2-Butanone	6.78	43	1247238	437.939	ug/l	99
26) 2,2-Dichloropropane	6.78	77	643464	81.036	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	501382	95.158	ug/l	98
28) Bromochloromethane	7.15	49	392917	91.618	ug/l #	97
29) Tetrahydrofuran	7.16	42	736755	391.196	ug/l	99
30) Chloroform	7.33	83	824586	89.129	ug/l	98
31) Cyclohexane	7.61	56	572107	76.256	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	731985	88.418	ug/l	98
36) 1,1-Dichloropropene	7.75	75	617393	95.428	ug/l	100
37) Ethyl Acetate	6.88	43	550615	86.845	ug/l	99
38) Carbon Tetrachloride	7.73	117	653879	90.707	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	562593	89.371	ug/l	98
40) Benzene	8.00	78	1860159	99.649	ug/l	99
41) Methacrylonitrile	7.12	41	260780	94.835	ug/l	96
42) 1,2-Dichloroethane	8.08	62	652314	84.088	ug/l	99
43) Isopropyl Acetate	8.13	43	931123	90.141	ug/l #	91
44) Trichloroethene	8.80	130	493420	100.555	ug/l	96
45) 1,2-Dichloropropane	9.08	63	478953	95.915	ug/l	99
46) Dibromomethane	9.17	93	339786	98.104	ug/l	98
47) Bromodichloromethane	9.37	83	681584	96.161	ug/l	99
48) Methyl methacrylate	9.16	41	450531	88.152	ug/l	99
49) 1,4-Dioxane	9.16	88	125536	1727.001	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2803581	460.836	ug/l	98
52) Toluene	10.13	92	1212436	104.999	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	748767	99.169	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	793281	100.150	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	474217	102.656	ug/l	98
56) Ethyl methacrylate	10.40	69	684898	105.850	ug/l	98
57) 1,3-Dichloropropane	10.68	76	790524	101.609	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1831769	532.175	ug/l	99
59) 2-Hexanone	10.72	43	2088421	463.505	ug/l	100
60) Dibromochloromethane	10.87	129	558602	103.579	ug/l	100
61) 1,2-Dibromoethane	10.98	107	505180	106.503	ug/l	99
64) Tetrachloroethene	10.60	164	454484	93.604	ug/l	98
65) Chlorobenzene	11.41	112	1300790	101.073	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	501030	101.961	ug/l	99
67) Ethyl Benzene	11.48	91	2327880	100.715	ug/l	100
68) m/p-Xylenes	11.59	106	1787379	206.211	ug/l	97
69) o-Xylene	11.92	106	854087	105.395	ug/l	98
70) Styrene	11.94	104	1478885	107.789	ug/l	99
71) Bromoform	12.10	173	405011	108.026	ug/l #	98
73) Isopropylbenzene	12.22	105	2204291	95.792	ug/l	99
74) N-amyl acetate	12.05	43	876394	94.374	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	686977	96.875	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	662262m	95.261	ug/l	
77) Bromobenzene	12.50	156	582292	101.488	ug/l	100
78) n-propylbenzene	12.57	91	2520348	94.241	ug/l	99
79) 2-Chlorotoluene	12.65	91	1511169	91.646	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1854620	96.064	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	238229	99.336	ug/l	98
82) 4-Chlorotoluene	12.75	91	1609579	94.422	ug/l	99
83) tert-Butylbenzene	12.97	119	1517417	96.144	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1877949	97.926	ug/l	99
85) sec-Butylbenzene	13.15	105	1983389	95.887	ug/l	99
86) p-Isopropyltoluene	13.26	119	1810530	99.070	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1040159	100.997	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1038221	96.728	ug/l	99
89) n-Butylbenzene	13.59	91	1544200	92.839	ug/l	99
90) Hexachloroethane	13.85	117	303675	87.336	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	1017908	99.242	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	134571	83.122	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	498872	91.122	ug/l	97
94) Hexachlorobutadiene	14.98	225	240118	75.805	ug/l	98
95) Naphthalene	15.10	128	1535030	92.067	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	495767	89.851	ug/l	98

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

