

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064118.D
 Acq On : 14 Oct 2020 17:09
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN101420

Manual Integrations
 APPROVED

MMDadoda
 10/15/2020 12:17:30 PM

Quant Time: Oct 15 07:03:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	400824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	649395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	609705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	304464	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	255347	44.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.46%	
35) Dibromofluoromethane	7.55	113	206548	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
50) Toluene-d8	10.06	98	800869	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
62) 4-Bromofluorobenzene	12.38	95	287660	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	195433	51.750	ug/l	98
3) Chloromethane	2.04	50	222221	47.243	ug/l	97
4) Vinyl Chloride	2.16	62	280639	47.932	ug/l	97
5) Bromomethane	2.53	94	220610	50.209	ug/l	99
6) Chloroethane	2.67	64	211767	45.494	ug/l	100
7) Trichlorofluoromethane	2.98	101	393277	48.836	ug/l	97
8) Diethyl Ether	3.37	74	124019	49.225	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	201285	50.917	ug/l	99
10) Methyl Iodide	3.91	142	266940	47.897	ug/l	100
11) Tert butyl alcohol	4.72	59	155246	245.615	ug/l	99
12) 1,1-Dichloroethene	3.70	96	196332	49.179	ug/l	97
13) Acrolein	3.57	56	120932	232.935	ug/l	96
14) Allyl chloride	4.28	41	304773	48.929	ug/l	99
15) Acrylonitrile	4.93	53	439928	242.406	ug/l	99
16) Acetone	3.77	43	482532	284.972	ug/l	98
17) Carbon Disulfide	4.01	76	565208	49.534	ug/l	100
18) Methyl Acetate	4.27	43	201524	47.445	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	600868	51.028	ug/l	98
20) Methylene Chloride	4.50	84	238143	45.453	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	227356	50.232	ug/l	96
22) Diisopropyl ether	5.90	45	626230	51.752	ug/l	95
23) Vinyl Acetate	5.84	43	2891785	267.540	ug/l	99
24) 1,1-Dichloroethane	5.80	63	410334	48.559	ug/l	99
25) 2-Butanone	6.78	43	679151	260.769	ug/l	99
26) 2,2-Dichloropropane	6.78	77	371908	52.900	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	263678	49.522	ug/l	99
28) Bromochloromethane	7.15	49	188639	46.869	ug/l #	97
29) Tetrahydrofuran	7.16	42	372818	244.934	ug/l	99
30) Chloroform	7.33	83	441612	49.056	ug/l	99
31) Cyclohexane	7.61	56	306974	48.643	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	383000	49.236	ug/l	98
36) 1,1-Dichloropropene	7.75	75	318676	50.912	ug/l	97
37) Ethyl Acetate	6.88	43	284182	51.158	ug/l	99
38) Carbon Tetrachloride	7.73	117	343053	50.968	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	298117	56.653	ug/l	99
40) Benzene	8.00	78	979684	51.685	ug/l	98
41) Methacrylonitrile	7.13	41	143744	59.770	ug/l #	81
42) 1,2-Dichloroethane	8.08	62	343206	50.887	ug/l	99
43) Isopropyl Acetate	8.13	43	478320	51.889	ug/l #	91
44) Trichloroethene	8.80	130	259882	52.140	ug/l	95
45) 1,2-Dichloropropane	9.08	63	253660	51.077	ug/l	97
46) Dibromomethane	9.17	93	178416	50.638	ug/l	99
47) Bromodichloromethane	9.37	83	353793	51.323	ug/l	99
48) Methyl methacrylate	9.17	41	228233	53.601	ug/l	99
49) 1,4-Dioxane	9.16	88	65011	1005.483	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1444897	264.895	ug/l	99
52) Toluene	10.12	92	629163	54.020	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	392918	55.552	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	422725	54.393	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	249227	51.653	ug/l	99
56) Ethyl methacrylate	10.40	69	344640	49.329	ug/l	98
57) 1,3-Dichloropropane	10.68	76	407787	51.320	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	876855	246.786	ug/l	99
59) 2-Hexanone	10.72	43	1080566	256.118	ug/l	100
60) Dibromochloromethane	10.87	129	281580	51.952	ug/l	99
61) 1,2-Dibromoethane	10.98	107	262379	53.426	ug/l	100
64) Tetrachloroethene	10.60	164	240780	52.380	ug/l	96
65) Chlorobenzene	11.41	112	684012	53.274	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	261973	53.742	ug/l	99
67) Ethyl Benzene	11.48	91	1207448	56.139	ug/l	98
68) m/p-Xylenes	11.59	106	934725	105.303	ug/l	99
69) o-Xylene	11.92	106	436039	51.349	ug/l	99
70) Styrene	11.94	104	749371	51.172	ug/l	100
71) Bromoform	12.10	173	201742	49.959	ug/l	99
73) Isopropylbenzene	12.22	105	1161671	52.674	ug/l	100
74) N-amyl acetate	12.05	43	427987	51.821	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	353808	46.597	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	309567m	43.339	ug/l	
77) Bromobenzene	12.50	156	299885	50.088	ug/l	100
78) n-propylbenzene	12.57	91	1324428	53.806	ug/l	100
79) 2-Chlorotoluene	12.65	91	785552	50.178	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	963378	54.423	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	121197	51.838	ug/l	100
82) 4-Chlorotoluene	12.75	91	845399	53.580	ug/l	100
83) tert-Butylbenzene	12.97	119	790075	53.967	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	978843	53.041	ug/l	99
85) sec-Butylbenzene	13.15	105	1048218	55.697	ug/l	99
86) p-Isopropyltoluene	13.26	119	956049	53.660	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	538353	53.967	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	536548	52.587	ug/l	100
89) n-Butylbenzene	13.59	91	813082	59.290	ug/l	99
90) Hexachloroethane	13.85	117	156783	50.057	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	528430	53.222	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	66879	45.763	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	253294	51.829	ug/l	97
94) Hexachlorobutadiene	14.98	225	132577	56.052	ug/l	99
95) Naphthalene	15.10	128	722081	48.572	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	250455	51.454	ug/l	99

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

