

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064779.D
 Acq On : 23 Nov 2020 12:42
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:01:11 PM

Quant Time: Nov 23 13:28:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:11:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	195445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	302904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	278411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136955	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	108302	33.72	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	67.44%
35) Dibromofluoromethane	7.55	113	87196	50.14	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.28%
50) Toluene-d8	10.06	98	357563	46.19	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.38%
62) 4-Bromofluorobenzene	12.38	95	127585	44.57	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.14%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	79561	34.407	ug/l 100
3) Chloromethane	2.04	50	103279	39.531	ug/l 100
4) Vinyl Chloride	2.16	62	107474	39.582	ug/l 100
5) Bromomethane	2.53	94	71044	36.472	ug/l 100
6) Chloroethane	2.67	64	67973	37.581	ug/l 100
7) Trichlorofluoromethane	2.98	101	151122	32.015	ug/l 100
8) Diethyl Ether	3.37	74	60413	38.714	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	91628	43.102	ug/l 100
10) Methyl Iodide	3.90	142	123203	48.086	ug/l 100
11) Tert butyl alcohol	4.76	59	88413	262.787	ug/l 100
12) 1,1-Dichloroethene	3.69	96	90558	44.002	ug/l 100
13) Acrolein	3.57	56	52676	513.374	ug/l 100
14) Allyl chloride	4.27	41	151123	43.176	ug/l 100
15) Acrylonitrile	4.94	53	247472	253.510	ug/l 100
16) Acetone	3.78	43	184120	219.863	ug/l 100
17) Carbon Disulfide	4.00	76	237772	37.584	ug/l 100
18) Methyl Acetate	4.28	43	108662	42.473	ug/l 100
19) Methyl tert-butyl Ether	5.00	73	307587	45.136	ug/l 100
20) Methylene Chloride	4.50	84	105844	42.538	ug/l 100
21) trans-1,2-Dichloroethene	4.98	96	99849	43.621	ug/l 100
22) Diisopropyl ether	5.91	45	316686	43.107	ug/l 100
23) Vinyl Acetate	5.85	43	1291421	218.373	ug/l 100
24) 1,1-Dichloroethane	5.80	63	184441	42.624	ug/l 100
25) 2-Butanone	6.79	43	316735	244.308	ug/l 100
26) 2,2-Dichloropropane	6.78	77	157332	38.920	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	115074	45.502	ug/l 100
28) Bromochloromethane	7.15	49	83533	38.551	ug/l 100
29) Tetrahydrofuran	7.17	42	215225	246.459	ug/l 100
30) Chloroform	7.33	83	186361	40.055	ug/l 100
31) Cyclohexane	7.61	56	148134	41.183	ug/l 100
32) 1,1,1-Trichloroethane	7.53	97	161284	38.104	ug/l 100
36) 1,1-Dichloropropene	7.75	75	139222	45.549	ug/l 100
37) Ethyl Acetate	6.89	43	135590	52.272	ug/l 100
38) Carbon Tetrachloride	7.73	117	145639	45.214	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	149352	53.377	ug/l	100
40) Benzene	8.00	78	422287	49.058	ug/l	100
41) Methacrylonitrile	7.13	41	56458	48.000	ug/l	100
42) 1,2-Dichloroethane	8.09	62	140927	39.441	ug/l	100
43) Isopropyl Acetate	8.13	43	221166	44.670	ug/l	100
44) Trichloroethene	8.80	130	122313	48.954	ug/l	100
45) 1,2-Dichloropropane	9.09	63	110682	48.432	ug/l	100
46) Dibromomethane	9.17	93	73685	46.002	ug/l	100
47) Bromodichloromethane	9.37	83	149624	44.629	ug/l	100
48) Methyl methacrylate	9.17	41	108418	46.568	ug/l	100
49) 1,4-Dioxane	9.17	88	40239	1278.401	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	678956	251.903	ug/l	100
52) Toluene	10.13	92	265399	50.225	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	165363	46.008	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	181468	48.387	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	105016	49.568	ug/l	100
56) Ethyl methacrylate	10.40	69	159645	53.985	ug/l	100
57) 1,3-Dichloropropane	10.68	76	178591	48.695	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	442760	271.608	ug/l	100
59) 2-Hexanone	10.72	43	496959	255.342	ug/l	100
60) Dibromochloromethane	10.87	129	123368	50.205	ug/l	100
61) 1,2-Dibromoethane	10.98	107	111124	49.077	ug/l	100
64) Tetrachloroethene	10.60	164	130867	52.537	ug/l	100
65) Chlorobenzene	11.41	112	287582	48.922	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	110113	49.893	ug/l	100
67) Ethyl Benzene	11.48	91	504259	48.910	ug/l	100
68) m/p-Xylenes	11.59	106	386945	103.850	ug/l	100
69) o-Xylene	11.92	106	184487	51.005	ug/l	100
70) Styrene	11.94	104	315686	51.545	ug/l	100
71) Bromoform	12.10	173	86886	56.084	ug/l #	100
73) Isopropylbenzene	12.22	105	488408	50.471	ug/l	100
74) N-amyl acetate	12.04	43	195474	44.387	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	136610	50.253	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	149025m	50.719	ug/l	
77) Bromobenzene	12.50	156	124559	50.630	ug/l	100
78) n-propylbenzene	12.57	91	561363	49.988	ug/l	100
79) 2-Chlorotoluene	12.65	91	333377	46.656	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	416738	51.898	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	56134	52.809	ug/l	100
82) 4-Chlorotoluene	12.75	91	348902	45.999	ug/l	100
83) tert-Butylbenzene	12.97	119	341212	54.405	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	416335	50.925	ug/l	100
85) sec-Butylbenzene	13.15	105	455837	54.409	ug/l	100
86) p-Isopropyltoluene	13.26	119	425728	55.141	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	222212	49.802	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	224917	48.981	ug/l	100
89) n-Butylbenzene	13.59	91	358163	50.302	ug/l	100
90) Hexachloroethane	13.85	117	72121	56.031	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	217739	49.749	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30886	44.126	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	131450	53.686	ug/l	100
94) Hexachlorobutadiene	14.98	225	60300	48.672	ug/l	100
95) Naphthalene	15.10	128	404804	52.218	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	126559	53.746	ug/l	100

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

