

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063838.D
 Acq On : 2 Oct 2020 22:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:35:33 PM

Quant Time: Oct 05 07:15:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	241623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	401100	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189410	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	206471	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	7.55	113	139462	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	10.06	98	523644	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.38	95	198122	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	123891	48.594	ug/l	99
3) Chloromethane	2.04	50	142945	47.784	ug/l	98
4) Vinyl Chloride	2.16	62	146098	48.653	ug/l	99
5) Bromomethane	2.52	94	94971	50.281	ug/l	96
6) Chloroethane	2.67	64	96672	53.875	ug/l	100
7) Trichlorofluoromethane	2.98	101	242580	50.935	ug/l	100
8) Diethyl Ether	3.37	74	83992	52.148	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	126939	49.868	ug/l	99
10) Methyl Iodide	3.91	142	164853	55.777	ug/l	100
11) Tert butyl alcohol	4.73	59	151317	343.352	ug/l	100
12) 1,1-Dichloroethene	3.69	96	123768	50.868	ug/l	96
13) Acrolein	3.57	56	72687	268.733	ug/l	98
14) Allyl chloride	4.28	41	237775	52.603	ug/l	98
15) Acrylonitrile	4.93	53	378853	300.321	ug/l	99
16) Acetone	3.77	43	361535	294.218	ug/l	98
17) Carbon Disulfide	4.01	76	324394	49.338	ug/l	100
18) Methyl Acetate	4.28	43	192198	60.242	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	486237	55.006	ug/l	98
20) Methylene Chloride	4.51	84	152006	53.999	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	139309	51.117	ug/l	93
22) Diisopropyl ether	5.90	45	523776	56.320	ug/l	99
23) Vinyl Acetate	5.84	43	2217679	287.868	ug/l	99
24) 1,1-Dichloroethane	5.80	63	281026	52.849	ug/l	100
25) 2-Butanone	6.78	43	555522	318.875	ug/l	100
26) 2,2-Dichloropropane	6.78	77	210153	43.156	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	160436	51.186	ug/l	99
28) Bromochloromethane	7.15	49	145660	55.422	ug/l	99
29) Tetrahydrofuran	7.17	42	367723	314.713	ug/l	100
30) Chloroform	7.33	83	298951	53.919	ug/l	95
31) Cyclohexane	7.61	56	220505	47.582	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	268698	53.729	ug/l	100
36) 1,1-Dichloropropene	7.75	75	208636	51.343	ug/l	98
37) Ethyl Acetate	6.88	43	235051	58.222	ug/l	99
38) Carbon Tetrachloride	7.73	117	232531	51.031	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	189963	46.878	ug/l	98
40) Benzene	8.00	78	610692	52.617	ug/l	98
41) Methacrylonitrile	7.13	41	103654m	57.769	ug/l	
42) 1,2-Dichloroethane	8.09	62	266878	53.867	ug/l	100
43) Isopropyl Acetate	8.13	43	390378	58.623	ug/l	99
44) Trichloroethene	8.80	130	152140	50.029	ug/l	98
45) 1,2-Dichloropropane	9.08	63	171352	54.666	ug/l	99
46) Dibromomethane	9.18	93	115790	53.548	ug/l	100
47) Bromodichloromethane	9.37	83	238815	53.588	ug/l	99
48) Methyl methacrylate	9.17	41	202816	61.646	ug/l	94
49) 1,4-Dioxane	9.17	88	63291	1353.566	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1245566	318.731	ug/l	99
52) Toluene	10.13	92	382867	53.331	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	256517	53.697	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	263965	52.835	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	157349	54.654	ug/l	99
56) Ethyl methacrylate	10.40	69	239865	58.777	ug/l	97
57) 1,3-Dichloropropane	10.68	76	272439	55.933	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	631454	289.270	ug/l	99
59) 2-Hexanone	10.72	43	922788	317.871	ug/l	99
60) Dibromochloromethane	10.87	129	182105	54.313	ug/l	99
61) 1,2-Dibromoethane	10.98	107	164866	55.981	ug/l	99
64) Tetrachloroethene	10.60	164	140328	46.936	ug/l	99
65) Chlorobenzene	11.41	112	404051	50.970	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	159243	52.399	ug/l	99
67) Ethyl Benzene	11.49	91	744867	51.639	ug/l	100
68) m/p-Xylenes	11.59	106	555408	103.312	ug/l	99
69) o-Xylene	11.92	106	267134	53.163	ug/l	99
70) Styrene	11.94	104	463947	54.394	ug/l	99
71) Bromoform	12.10	173	127351	54.791	ug/l #	97
73) Isopropylbenzene	12.23	105	708270	51.267	ug/l	99
74) N-amyl acetate	12.04	43	359036	55.652	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	237037	56.108	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	225247m	53.947	ug/l	
77) Bromobenzene	12.50	156	176126	51.955	ug/l	98
78) n-propylbenzene	12.57	91	822182	51.136	ug/l	100
79) 2-Chlorotoluene	12.65	91	510961	51.672	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	601289	51.878	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	75569	52.128	ug/l	93
82) 4-Chlorotoluene	12.75	91	528386	51.473	ug/l	99
83) tert-Butylbenzene	12.97	119	483865	51.037	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	609460	52.667	ug/l	99
85) sec-Butylbenzene	13.15	105	628958	50.509	ug/l	100
86) p-Isopropyltoluene	13.26	119	563816	51.181	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	314326	51.253	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	315424	49.396	ug/l	99
89) n-Butylbenzene	13.59	91	467548	45.985	ug/l	100
90) Hexachloroethane	13.85	117	108465	50.811	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	315811	51.990	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	57251	57.785	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	143240	43.596	ug/l	99
94) Hexachlorobutadiene	14.98	225	78792	47.842	ug/l	98
95) Naphthalene	15.10	128	461125	45.307	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	142086	44.529	ug/l	100

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

