

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100520\
 Data File : VN063859.D
 Acq On : 5 Oct 2020 10:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:56:31 PM

Quant Time: Oct 05 16:32:52 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	7.62	168	283196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	445961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	424173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	218747	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	218635	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
35) Dibromofluoromethane	7.54	113	153485	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	10.06	98	558693	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
62) 4-Bromofluorobenzene	12.38	95	214019	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	133998	44.842	ug/l	98
3) Chloromethane	2.03	50	151215	43.128	ug/l	100
4) Vinyl Chloride	2.16	62	156364	44.427	ug/l	98
5) Bromomethane	2.52	94	102309	46.214	ug/l	99
6) Chloroethane	2.67	64	102703	48.834	ug/l	97
7) Trichlorofluoromethane	2.98	101	259256	46.446	ug/l	99
8) Diethyl Ether	3.37	74	88597	46.932	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	138913	46.561	ug/l	99
10) Methyl Iodide	3.91	142	168321	48.590	ug/l	98
11) Tert butyl alcohol	4.72	59	139520	270.109	ug/l	99
12) 1,1-Dichloroethene	3.69	96	131724	46.191	ug/l	97
13) Acrolein	3.56	56	55425	174.832	ug/l	97
14) Allyl chloride	4.27	41	261546	49.368	ug/l	96
15) Acrylonitrile	4.92	53	368168	249.007	ug/l	99
16) Acetone	3.77	43	408779	283.831	ug/l	99
17) Carbon Disulfide	4.01	76	356712	46.332	ug/l	99
18) Methyl Acetate	4.27	43	190136	50.847	ug/l	99
19) Methyl tert-butyl Ether	4.98	73	501942	48.447	ug/l	99
20) Methylene Chloride	4.50	84	158149	47.945	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	147202	46.084	ug/l	95
22) Diisopropyl ether	5.89	45	545022	50.001	ug/l	94
23) Vinyl Acetate	5.84	43	2296714	254.362	ug/l	99
24) 1,1-Dichloroethane	5.79	63	298094	47.829	ug/l	99
25) 2-Butanone	6.78	43	590010	288.954	ug/l	99
26) 2,2-Dichloropropane	6.77	77	280020	49.062	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	169771	46.213	ug/l	96
28) Bromochloromethane	7.14	49	146481	47.553	ug/l	99
29) Tetrahydrofuran	7.16	42	349155	254.955	ug/l	99
30) Chloroform	7.32	83	318671	49.038	ug/l	97
31) Cyclohexane	7.61	56	243974	44.917	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	286278	48.841	ug/l	99
36) 1,1-Dichloropropene	7.75	75	229116	50.712	ug/l	100
37) Ethyl Acetate	6.87	43	225226	50.176	ug/l	100
38) Carbon Tetrachloride	7.73	117	252942	49.927	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	216061	47.955	ug/l	98
40) Benzene	8.00	78	641438	49.706	ug/l	99
41) Methacrylonitrile	7.12	41	95807	48.024	ug/l #	84
42) 1,2-Dichloroethane	8.08	62	281098	51.030	ug/l	100
43) Isopropyl Acetate	8.12	43	388937	52.531	ug/l #	91
44) Trichloroethene	8.80	130	165882	49.060	ug/l	99
45) 1,2-Dichloropropane	9.08	63	173544	49.796	ug/l	99
46) Dibromomethane	9.17	93	119987	49.907	ug/l	99
47) Bromodichloromethane	9.37	83	258370	52.144	ug/l	99
48) Methyl methacrylate	9.16	41	201337	55.040	ug/l	94
49) 1,4-Dioxane	9.16	88	60436	1162.490	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1192662	274.493	ug/l	100
52) Toluene	10.12	92	404410	50.665	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	285122	53.681	ug/l	100
54) cis-1,3-Dichloropropene	9.80	75	291570	52.490	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	164667	51.442	ug/l	99
56) Ethyl methacrylate	10.40	69	241927	53.319	ug/l	98
57) 1,3-Dichloropropane	10.68	76	279683	51.644	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	808430	333.089	ug/l	100
59) 2-Hexanone	10.72	43	973125	301.490	ug/l	99
60) Dibromochloromethane	10.87	129	192223	51.564	ug/l	100
61) 1,2-Dibromoethane	10.97	107	170779	52.156	ug/l	99
64) Tetrachloroethene	10.60	164	157357	47.950	ug/l	99
65) Chlorobenzene	11.40	112	431799	49.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	172694	51.771	ug/l	100
67) Ethyl Benzene	11.48	91	808077	51.038	ug/l	99
68) m/p-Xylenes	11.59	106	604747	102.484	ug/l	98
69) o-Xylene	11.92	106	288548	52.317	ug/l	98
70) Styrene	11.94	104	495810	52.959	ug/l	99
71) Bromoform	12.10	173	134834	52.851	ug/l #	99
73) Isopropylbenzene	12.22	105	773622	48.487	ug/l	100
74) N-amyl acetate	12.04	43	351564	47.523	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	233060	47.768	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	238200m	49.398	ug/l	
77) Bromobenzene	12.50	156	192022	49.047	ug/l	100
78) n-propylbenzene	12.57	91	916814	49.374	ug/l	99
79) 2-Chlorotoluene	12.65	91	551629	48.304	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	667934	49.899	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	90634	54.135	ug/l	97
82) 4-Chlorotoluene	12.75	91	590222	49.786	ug/l	99
83) tert-Butylbenzene	12.97	119	520137	47.505	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	677411	50.688	ug/l	99
85) sec-Butylbenzene	13.14	105	694238	48.274	ug/l	100
86) p-Isopropyltoluene	13.26	119	645766	50.759	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	349874	49.398	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	349916	47.448	ug/l	99
89) n-Butylbenzene	13.59	91	559210	47.624	ug/l	100
90) Hexachloroethane	13.85	117	119426	48.443	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	343126	48.911	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	56958	49.779	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	168298	44.323	ug/l	99
94) Hexachlorobutadiene	14.98	225	94944	49.915	ug/l	97
95) Naphthalene	15.10	128	493834	42.153	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	159694	43.377	ug/l	99

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

