

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060578.D
 Acq On : 18 Mar 2020 9:22
 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
 3/19/2020 1:02:43 PM

Quant Time: Mar 19 05:15:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	228918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	374342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	343374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162517	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	151938	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	7.56	113	114937	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	10.08	98	466900	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	12.39	95	170382	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	122092	55.121	ug/l	99
3) Chloromethane	2.03	50	200914	48.567	ug/l	100
4) Vinyl Chloride	2.16	62	163285	50.464	ug/l	99
5) Bromomethane	2.54	94	72124	51.636	ug/l	100
6) Chloroethane	2.68	64	96594	51.823	ug/l	98
7) Trichlorofluoromethane	3.00	101	213353	53.527	ug/l	100
8) Diethyl Ether	3.38	74	83382	52.074	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	127092	55.028	ug/l	99
10) Methyl Iodide	3.92	142	121123	58.936	ug/l	99
11) Tert butyl alcohol	4.73	59	95873	207.443	ug/l	99
12) 1,1-Dichloroethene	3.71	96	128910	52.012	ug/l	98
13) Acrolein	3.57	56	113149	220.901	ug/l	100
14) Allyl chloride	4.29	41	222233	50.981	ug/l	99
15) Acrylonitrile	4.94	53	322836	237.547	ug/l	99
16) Acetone	3.77	43	331421	297.734	ug/l	99
17) Carbon Disulfide	4.03	76	402084	53.343	ug/l	100
18) Methyl Acetate	4.28	43	144230	46.033	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	431526	50.641	ug/l	98
20) Methylene Chloride	4.52	84	142822	52.157	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	140485	53.184	ug/l	98
22) Diisopropyl ether	5.91	45	487841	52.972	ug/l	99
23) Vinyl Acetate	5.85	43	1974367	262.754	ug/l	100
24) 1,1-Dichloroethane	5.81	63	264597	52.703	ug/l	99
25) 2-Butanone	6.79	43	461676	256.307	ug/l	99
26) 2,2-Dichloropropane	6.79	77	233377	59.082	ug/l	100
27) cis-1,2-Dichloroethene	6.79	96	157762	52.557	ug/l	98
28) Bromochloromethane	7.16	49	115397	48.042	ug/l	98
29) Tetrahydrofuran	7.17	42	286448	224.759	ug/l	99
30) Chloroform	7.34	83	251162	52.185	ug/l	100
31) Cyclohexane	7.63	56	257305	50.837	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	220932	53.248	ug/l	99
36) 1,1-Dichloropropene	7.77	75	203828	56.232	ug/l	100
37) Ethyl Acetate	6.89	43	188048	48.012	ug/l	100
38) Carbon Tetrachloride	7.75	117	180165	55.457	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	246895	57.316	ug/l	99
40) Benzene	8.01	78	596794	54.540	ug/l	99
41) Methacrylonitrile	7.14	41	79484m	47.552	ug/l	
42) 1,2-Dichloroethane	8.10	62	201435	53.866	ug/l	100
43) Isopropyl Acetate	8.14	43	326139	50.491	ug/l	99
44) Trichloroethene	8.81	130	153333	55.587	ug/l	98
45) 1,2-Dichloropropane	9.10	63	158921	55.041	ug/l	98
46) Dibromomethane	9.19	93	95454	54.684	ug/l	99
47) Bromodichloromethane	9.38	83	201361	55.513	ug/l	99
48) Methyl methacrylate	9.18	41	146308	50.874	ug/l	99
49) 1,4-Dioxane	9.18	88	33607	983.143	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	911619	248.016	ug/l	100
52) Toluene	10.14	92	367618	55.629	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	238381	57.212	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	257835	56.407	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	137158	53.949	ug/l	98
56) Ethyl methacrylate	10.42	69	216342	54.575	ug/l	100
57) 1,3-Dichloropropane	10.70	76	239870	54.370	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	589301	299.105	ug/l	100
59) 2-Hexanone	10.74	43	687648	259.709	ug/l	100
60) Dibromochloromethane	10.89	129	146724	55.871	ug/l	99
61) 1,2-Dibromoethane	10.99	107	140064	54.788	ug/l	100
64) Tetrachloroethene	10.62	164	152235	56.340	ug/l	99
65) Chlorobenzene	11.42	112	374483	55.014	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	134884	54.729	ug/l	99
67) Ethyl Benzene	11.50	91	704978	55.691	ug/l	99
68) m/p-Xylenes	11.61	106	526023	111.823	ug/l	100
69) o-Xylene	11.94	106	249456	55.551	ug/l	100
70) Styrene	11.96	104	414893	56.492	ug/l	99
71) Bromoform	12.12	173	102362	49.972	ug/l #	100
73) Isopropylbenzene	12.24	105	670057	54.940	ug/l	100
74) N-amyl acetate	12.06	43	290643	51.571	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	180006	48.805	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	165124m	47.087	ug/l	
77) Bromobenzene	12.52	156	158602	53.967	ug/l	97
78) n-propylbenzene	12.59	91	804405	55.826	ug/l	100
79) 2-Chlorotoluene	12.67	91	462530	53.724	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	567256	54.807	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	72522	53.114	ug/l	98
82) 4-Chlorotoluene	12.77	91	484740	55.281	ug/l	99
83) tert-Butylbenzene	12.99	119	468740	54.632	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	565249	55.203	ug/l	100
85) sec-Butylbenzene	13.17	105	641144	55.571	ug/l	100
86) p-Isopropyltoluene	13.28	119	582930	56.187	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	282829	54.565	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	284066	54.548	ug/l	99
89) n-Butylbenzene	13.61	91	542552	57.922	ug/l	100
90) Hexachloroethane	13.87	117	86833	57.579	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	268474	54.169	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	36016	46.604	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	170256	55.939	ug/l	100
94) Hexachlorobutadiene	15.01	225	86521	57.988	ug/l	99
95) Naphthalene	15.13	128	460060	50.255	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	156796	52.302	ug/l	100

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

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