

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040620\
 Data File : VN060840.D
 Acq On : 6 Apr 2020 10:24
 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
 4/7/2020 3:21:37 PM

Quant Time: Apr 07 07:13:40 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	209706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	339569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	314566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	153951	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	139200	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	7.56	113	104100	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	10.08	98	423365	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.40	95	158863	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	91491	45.089	ug/l	100
3) Chloromethane	2.04	50	160000	42.220	ug/l	100
4) Vinyl Chloride	2.17	62	128228	43.260	ug/l	99
5) Bromomethane	2.54	94	62447	48.803	ug/l	98
6) Chloroethane	2.68	64	80096	46.909	ug/l	99
7) Trichlorofluoromethane	3.00	101	170995	46.830	ug/l	99
8) Diethyl Ether	3.38	74	72000	49.085	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	105289	49.764	ug/l	99
10) Methyl Iodide	3.93	142	86786	46.097	ug/l	100
11) Tert butyl alcohol	4.72	59	93129	219.966	ug/l	99
12) 1,1-Dichloroethene	3.71	96	103968	45.792	ug/l	96
13) Acrolein	3.57	56	106376	226.704	ug/l	99
14) Allyl chloride	4.29	41	194498	48.707	ug/l	96
15) Acrylonitrile	4.94	53	305876	245.687	ug/l	100
16) Acetone	3.77	43	401133	393.374	ug/l	100
17) Carbon Disulfide	4.03	76	300342	43.495	ug/l	100
18) Methyl Acetate	4.28	43	149746	52.172	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	378060	48.431	ug/l	98
20) Methylene Chloride	4.52	84	118936	47.414	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	114181	47.186	ug/l	97
22) Diisopropyl ether	5.91	45	430479	51.026	ug/l	98
23) Vinyl Acetate	5.85	43	1756475	255.172	ug/l	99
24) 1,1-Dichloroethane	5.81	63	228650	49.716	ug/l	99
25) 2-Butanone	6.79	43	482157	292.200	ug/l	98
26) 2,2-Dichloropropane	6.79	77	196694	54.357	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	132729	48.268	ug/l	98
28) Bromochloromethane	7.17	49	111213	50.541	ug/l	98
29) Tetrahydrofuran	7.17	42	273533	234.288	ug/l	99
30) Chloroform	7.34	83	215356	48.844	ug/l	99
31) Cyclohexane	7.63	56	212042	45.732	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	184833	48.629	ug/l	99
36) 1,1-Dichloropropene	7.77	75	166197	50.545	ug/l	99
37) Ethyl Acetate	6.89	43	176556	49.694	ug/l	99
38) Carbon Tetrachloride	7.75	117	148940	50.540	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	205140	52.499	ug/l	98
40) Benzene	8.02	78	498494	50.221	ug/l	100
41) Methacrylonitrile	7.15	41	87575m	57.758	ug/l	
42) 1,2-Dichloroethane	8.10	62	171936	50.686	ug/l	100
43) Isopropyl Acetate	8.14	43	297700	50.808	ug/l	100
44) Trichloroethene	8.82	130	127196	50.833	ug/l	99
45) 1,2-Dichloropropane	9.10	63	137173	52.374	ug/l	100
46) Dibromomethane	9.19	93	80806	51.033	ug/l	100
47) Bromodichloromethane	9.38	83	169587	51.541	ug/l	100
48) Methyl methacrylate	9.18	41	131881	50.554	ug/l	99
49) 1,4-Dioxane	9.18	88	29136	939.632	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	864443	259.265	ug/l	100
52) Toluene	10.14	92	306250	51.088	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	201982	53.441	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	218939	52.803	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	118509	51.387	ug/l	98
56) Ethyl methacrylate	10.42	69	192316	53.482	ug/l	99
57) 1,3-Dichloropropane	10.70	76	205931	51.457	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	489031	273.629	ug/l	100
59) 2-Hexanone	10.74	43	676763	281.772	ug/l	100
60) Dibromochloromethane	10.89	129	125237	52.572	ug/l	100
61) 1,2-Dibromoethane	10.99	107	119455	51.511	ug/l	100
64) Tetrachloroethene	10.62	164	121414	49.049	ug/l	99
65) Chlorobenzene	11.42	112	312817	50.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	115190	51.018	ug/l	98
67) Ethyl Benzene	11.50	91	596508	51.438	ug/l	100
68) m/p-Xylenes	11.61	106	437916	101.619	ug/l	99
69) o-Xylene	11.94	106	210418	51.149	ug/l	100
70) Styrene	11.96	104	350649	52.117	ug/l	100
71) Bromoform	12.12	173	89856	47.955	ug/l #	100
73) Isopropylbenzene	12.24	105	568824	49.234	ug/l	100
74) N-amyl acetate	12.06	43	262021	49.080	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	167730	48.007	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	155282m	46.744	ug/l	
77) Bromobenzene	12.52	156	135040	48.506	ug/l	99
78) n-propylbenzene	12.59	91	681938	49.960	ug/l	99
79) 2-Chlorotoluene	12.67	91	394543	48.377	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	484979	49.465	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	64667	49.996	ug/l	98
82) 4-Chlorotoluene	12.77	91	414630	49.917	ug/l	99
83) tert-Butylbenzene	12.99	119	403902	49.695	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	486329	50.139	ug/l	99
85) sec-Butylbenzene	13.17	105	563736	51.580	ug/l	100
86) p-Isopropyltoluene	13.28	119	508629	51.753	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	246830	50.270	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	246602	49.989	ug/l	100
89) n-Butylbenzene	13.61	91	485900	54.761	ug/l	100
90) Hexachloroethane	13.87	117	77822	54.475	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	235831	50.230	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	33445	45.679	ug/l	99

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93) 1,2,4-Trichlorobenzene	14.90	180	155905	54.074	ug/l	98
94) Hexachlorobutadiene	15.01	225	79453	56.214	ug/l	99
95) Naphthalene	15.13	128	423660	48.854	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	144330	50.823	ug/l	100

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

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