

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031220\
 Data File : VN060464.D
 Acq On : 12 Mar 2020 8:56
 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
 3/16/2020 11:49:37 AM

Quant Time: Mar 13 02:12:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	324061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	302373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148183	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	127828	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	7.56	113	97637	64.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.82%	
50) Toluene-d8	10.08	98	383815	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.39	95	148594	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	79020	43.031	ug/l	99
3) Chloromethane	2.03	50	140822	44.046	ug/l	100
4) Vinyl Chloride	2.16	62	115364	42.074	ug/l	100
5) Bromomethane	2.54	94	49034	44.146	ug/l	99
6) Chloroethane	2.68	64	67127	45.185	ug/l	97
7) Trichlorofluoromethane	3.00	101	159447	45.514	ug/l	100
8) Diethyl Ether	3.38	74	63008	47.636	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	95839	48.339	ug/l	99
10) Methyl Iodide	3.93	142	68460	37.835	ug/l	100
11) Tert butyl alcohol	4.72	59	88090	230.857	ug/l	100
12) 1,1-Dichloroethene	3.71	96	91284	47.435	ug/l	99
13) Acrolein	3.57	56	87585	246.040	ug/l	99
14) Allyl chloride	4.29	41	161710	45.579	ug/l	93
15) Acrylonitrile	4.94	53	264523	263.006	ug/l	99
16) Acetone	3.78	43	237176	285.803	ug/l	98
17) Carbon Disulfide	4.03	76	222010	43.383	ug/l	100
18) Methyl Acetate	4.28	43	138446	49.992	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	349438	50.017	ug/l	97
20) Methylene Chloride	4.52	84	108162	47.459	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	99125	47.929	ug/l	95
22) Diisopropyl ether	5.91	45	381936	53.145	ug/l	99
23) Vinyl Acetate	5.85	43	1505738	263.669	ug/l	99
24) 1,1-Dichloroethane	5.81	63	207304	50.959	ug/l	100
25) 2-Butanone	6.79	43	386468	288.319	ug/l	100
26) 2,2-Dichloropropane	6.79	77	186475	50.351	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	122118	46.210	ug/l	97
28) Bromochloromethane	7.17	49	86728	51.924	ug/l	95
29) Tetrahydrofuran	7.18	42	236710	253.954	ug/l	98
30) Chloroform	7.34	83	208818	51.564	ug/l	99
31) Cyclohexane	7.63	56	173899	50.095	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	177381	49.436	ug/l	100
36) 1,1-Dichloropropene	7.77	75	147667	47.812	ug/l	99
37) Ethyl Acetate	6.89	43	149950	51.276	ug/l	99
38) Carbon Tetrachloride	7.75	117	144934	48.199	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.06	83	170700	46.877	ug/l	98
40) Benzene	8.02	78	454687	50.582	ug/l	99
41) Methacrylonitrile	7.14	41	69874	51.747	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	164472	50.703	ug/l	100
43) Isopropyl Acetate	8.14	43	269747	52.689	ug/l	99
44) Trichloroethene	8.81	130	119424	47.702	ug/l	99
45) 1,2-Dichloropropane	9.10	63	126873	53.983	ug/l	97
46) Dibromomethane	9.19	93	77199	50.623	ug/l	99
47) Bromodichloromethane	9.38	83	166887	53.807	ug/l	100
48) Methyl methacrylate	9.18	41	119130	51.028	ug/l	99
49) 1,4-Dioxane	9.18	88	30761	936.947	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	781458	269.214	ug/l	100
52) Toluene	10.14	92	282482	50.026	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	192731	50.713	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	201644	51.204	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	114687	50.506	ug/l	98
56) Ethyl methacrylate	10.42	69	176543	54.116	ug/l	98
57) 1,3-Dichloropropane	10.70	76	197367	53.297	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	461965	270.756	ug/l	98
59) 2-Hexanone	10.74	43	605041	283.888	ug/l	100
60) Dibromochloromethane	10.89	129	125095	54.171	ug/l	98
61) 1,2-Dibromoethane	10.99	107	114362	51.663	ug/l	97
64) Tetrachloroethene	10.62	164	120381	50.581	ug/l	99
65) Chlorobenzene	11.42	112	300052	49.143	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	114566	50.748	ug/l	99
67) Ethyl Benzene	11.50	91	558033	50.187	ug/l	100
68) m/p-Xylenes	11.61	106	412031	98.218	ug/l	99
69) o-Xylene	11.94	106	198339	49.580	ug/l	98
70) Styrene	11.96	104	337113	51.255	ug/l	100
71) Bromoform	12.12	173	87885	54.016	ug/l #	98
73) Isopropylbenzene	12.24	105	543392	49.475	ug/l	99
74) N-amyl acetate	12.06	43	243645	50.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	159110	53.294	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	158087m	48.625	ug/l	
77) Bromobenzene	12.52	156	130751	48.566	ug/l	96
78) n-propylbenzene	12.58	91	643415	49.977	ug/l	100
79) 2-Chlorotoluene	12.67	91	373130	49.305	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	461435	49.899	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	62458	53.032	ug/l #	84
82) 4-Chlorotoluene	12.77	91	397612	49.868	ug/l	98
83) tert-Butylbenzene	12.99	119	392580	49.034	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	464537	49.770	ug/l	99
85) sec-Butylbenzene	13.17	105	532607	49.677	ug/l	99
86) p-Isopropyltoluene	13.28	119	482559	48.629	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	239798	51.843	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	238045	51.762	ug/l	99
89) n-Butylbenzene	13.61	91	447196	49.092	ug/l	99
90) Hexachloroethane	13.87	117	70324	48.960	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	228208	48.375	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	32095	47.472	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	145230	48.452	ug/l	100
94) Hexachlorobutadiene	15.01	225	72113	52.361	ug/l	99
95) Naphthalene	15.13	128	408628	46.261	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	135844	48.113	ug/l	100

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

