

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031020\
 Data File : VN060406.D
 Acq On : 10 Mar 2020 10:26
 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
 3/11/2020 3:23:08 PM

Quant Time: Mar 11 06:51:25 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	197520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	320673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	299848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148167	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	128144	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	7.56	113	93455	62.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.58%	
50) Toluene-d8	10.08	98	378635	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.40	95	145579	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	75936	41.931	ug/l 98
3) Chloromethane	2.03	50	138151	43.817	ug/l 98
4) Vinyl Chloride	2.16	62	114368	42.296	ug/l 100
5) Bromomethane	2.54	94	44825	40.739	ug/l 98
6) Chloroethane	2.68	64	63861	43.590	ug/l 95
7) Trichlorofluoromethane	3.00	101	153450	44.417	ug/l 99
8) Diethyl Ether	3.38	74	60313	46.238	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	90817	46.449	ug/l 99
10) Methyl Iodide	3.93	142	73390	41.128	ug/l 100
11) Tert butyl alcohol	4.73	59	94963	252.361	ug/l 100
12) 1,1-Dichloroethene	3.71	96	87617	46.167	ug/l 100
13) Acrolein	3.57	56	97426	277.526	ug/l 99
14) Allyl chloride	4.29	41	152231	43.509	ug/l 91
15) Acrylonitrile	4.94	53	261422	263.570	ug/l 99
16) Acetone	3.78	43	209214	255.646	ug/l 99
17) Carbon Disulfide	4.03	76	218241	43.243	ug/l 99
18) Methyl Acetate	4.28	43	135402	49.579	ug/l 98
19) Methyl tert-butyl Ether	5.00	73	337802	49.030	ug/l 99
20) Methylene Chloride	4.52	84	103728	46.152	ug/l 97
21) trans-1,2-Dichloroethene	5.01	96	95444	46.786	ug/l 99
22) Diisopropyl ether	5.91	45	360440	50.858	ug/l 99
23) Vinyl Acetate	5.86	43	1441582	255.977	ug/l 99
24) 1,1-Dichloroethane	5.82	63	197267	49.172	ug/l 99
25) 2-Butanone	6.80	43	350321	265.020	ug/l 98
26) 2,2-Dichloropropane	6.80	77	176004	48.191	ug/l 99
27) cis-1,2-Dichloroethene	6.80	96	117735	45.177	ug/l 98
28) Bromochloromethane	7.17	49	80887	49.107	ug/l 97
29) Tetrahydrofuran	7.18	42	235251	255.931	ug/l 99
30) Chloroform	7.35	83	197590	49.476	ug/l 98
31) Cyclohexane	7.63	56	166477	48.590	ug/l 98
32) 1,1,1-Trichloroethane	7.54	97	171482	48.463	ug/l 99
36) 1,1-Dichloropropene	7.77	75	141091	46.166	ug/l 99
37) Ethyl Acetate	6.89	43	148815	51.425	ug/l 99
38) Carbon Tetrachloride	7.75	117	141522	47.562	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	163544	45.386	ug/l	96
40) Benzene	8.02	78	433833	48.772	ug/l	99
41) Methacrylonitrile	7.14	41	60974m	45.633	ug/l	
42) 1,2-Dichloroethane	8.10	62	158854	49.489	ug/l	99
43) Isopropyl Acetate	8.14	43	261969	51.710	ug/l	99
44) Trichloroethene	8.82	130	116413	46.991	ug/l	99
45) 1,2-Dichloropropane	9.10	63	120422	51.780	ug/l	99
46) Dibromomethane	9.19	93	73725	48.855	ug/l	99
47) Bromodichloromethane	9.39	83	158480	51.636	ug/l	99
48) Methyl methacrylate	9.18	41	116714	50.521	ug/l	99
49) 1,4-Dioxane	9.18	88	32869	1011.732	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	770438	268.221	ug/l	100
52) Toluene	10.14	92	272211	48.717	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	184607	49.088	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	191610	49.170	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	110816	49.317	ug/l	98
56) Ethyl methacrylate	10.42	69	170993	52.969	ug/l	98
57) 1,3-Dichloropropane	10.70	76	187285	51.108	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	432269	256.028	ug/l	99
59) 2-Hexanone	10.74	43	562708	266.815	ug/l	99
60) Dibromochloromethane	10.89	129	118414	51.819	ug/l	99
61) 1,2-Dibromoethane	11.00	107	110057	50.244	ug/l	99
64) Tetrachloroethene	10.62	164	119405	50.594	ug/l	99
65) Chlorobenzene	11.43	112	289226	47.769	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	110943	49.557	ug/l	99
67) Ethyl Benzene	11.50	91	535214	48.541	ug/l	100
68) m/p-Xylenes	11.62	106	398860	95.879	ug/l	100
69) o-Xylene	11.94	106	195002	49.156	ug/l	99
70) Styrene	11.96	104	323474	49.596	ug/l	100
71) Bromoform	12.12	173	85510	52.998	ug/l #	99
73) Isopropylbenzene	12.24	105	526074	47.903	ug/l	99
74) N-amyl acetate	12.06	43	235979	49.174	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	153584	51.449	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	134788m	41.463	ug/l	
77) Bromobenzene	12.52	156	127729	47.448	ug/l	98
78) n-propylbenzene	12.59	91	622799	48.381	ug/l	99
79) 2-Chlorotoluene	12.67	91	360316	47.617	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	446545	48.294	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	60326	51.227	ug/l #	85
82) 4-Chlorotoluene	12.77	91	377592	47.363	ug/l	99
83) tert-Butylbenzene	12.99	119	376158	46.988	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	445277	47.711	ug/l	99
85) sec-Butylbenzene	13.17	105	510376	47.609	ug/l	99
86) p-Isopropyltoluene	13.28	119	463587	46.722	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	231045	49.949	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	229270	49.846	ug/l	99
89) n-Butylbenzene	13.61	91	426420	46.816	ug/l	99
90) Hexachloroethane	13.87	117	65875	45.868	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	222647	47.201	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	31966	47.286	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	142557	47.567	ug/l	100
94) Hexachlorobutadiene	15.01	225	67750	49.163	ug/l	99
95) Naphthalene	15.13	128	412706	46.730	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	134437	47.618	ug/l	100

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

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