

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031920\
 Data File : VN060623.D
 Acq On : 19 Mar 2020 9:23
 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
 3/20/2020 12:05:32 PM

Quant Time: Mar 20 06:45:15 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	206933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	333867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	304839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139557	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	127643	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
35) Dibromofluoromethane	7.56	113	95009	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
50) Toluene-d8	10.08	98	385777	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
62) 4-Bromofluorobenzene	12.40	95	139336	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	100733	50.309	ug/l	100
3) Chloromethane	2.03	50	168479	45.053	ug/l	99
4) Vinyl Chloride	2.16	62	138581	47.379	ug/l	100
5) Bromomethane	2.54	94	65653	51.996	ug/l	98
6) Chloroethane	2.68	64	81701	48.490	ug/l	100
7) Trichlorofluoromethane	3.00	101	173592	48.179	ug/l	99
8) Diethyl Ether	3.38	74	70019	48.375	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	102645	49.164	ug/l	100
10) Methyl Iodide	3.92	142	103624	55.779	ug/l	99
11) Tert butyl alcohol	4.72	59	96060	229.930	ug/l	100
12) 1,1-Dichloroethene	3.71	96	105504	47.091	ug/l	98
13) Acrolein	3.57	56	118029	254.909	ug/l	100
14) Allyl chloride	4.29	41	186169	47.246	ug/l	99
15) Acrylonitrile	4.94	53	294668	239.856	ug/l	100
16) Acetone	3.78	43	305924	304.027	ug/l	99
17) Carbon Disulfide	4.03	76	324669	47.649	ug/l	100
18) Methyl Acetate	4.28	43	136388	48.154	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	361197	46.891	ug/l	98
20) Methylene Chloride	4.52	84	119394	48.234	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	113598	47.574	ug/l	98
22) Diisopropyl ether	5.91	45	410427	49.301	ug/l	98
23) Vinyl Acetate	5.85	43	1689735	248.766	ug/l	100
24) 1,1-Dichloroethane	5.81	63	219419	48.348	ug/l	99
25) 2-Butanone	6.80	43	425797	261.503	ug/l	98
26) 2,2-Dichloropropane	6.79	77	189630	53.107	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	128386	47.314	ug/l	97
28) Bromochloromethane	7.17	49	123396	56.829	ug/l	99
29) Tetrahydrofuran	7.17	42	266798	231.582	ug/l	99
30) Chloroform	7.34	83	206953	47.567	ug/l	98
31) Cyclohexane	7.63	56	210573	46.024	ug/l	100
32) 1,1,1-Trichloroethane	7.54	97	178955	47.713	ug/l	99
36) 1,1-Dichloropropene	7.77	75	164256	50.808	ug/l	100
37) Ethyl Acetate	6.89	43	170319	48.758	ug/l	99
38) Carbon Tetrachloride	7.75	117	145896	50.353	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	199356	51.890	ug/l	99
40) Benzene	8.02	78	489896	50.198	ug/l	100
41) Methacrylonitrile	7.15	41	80061m	53.704	ug/l	
42) 1,2-Dichloroethane	8.10	62	167532	50.231	ug/l	99
43) Isopropyl Acetate	8.14	43	285906	49.628	ug/l	100
44) Trichloroethene	8.81	130	125864	51.160	ug/l	98
45) 1,2-Dichloropropane	9.10	63	130990	50.867	ug/l	98
46) Dibromomethane	9.19	93	79060	50.783	ug/l	99
47) Bromodichloromethane	9.38	83	164993	51.001	ug/l	99
48) Methyl methacrylate	9.18	41	127504	49.710	ug/l	99
49) 1,4-Dioxane	9.18	88	33806	1108.858	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	826942	252.253	ug/l	100
52) Toluene	10.14	92	298745	50.687	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	193270	52.009	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	209295	51.339	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	113996	50.275	ug/l	99
56) Ethyl methacrylate	10.42	69	183275	51.838	ug/l	99
57) 1,3-Dichloropropane	10.70	76	198104	50.347	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	430651	245.079	ug/l	100
59) 2-Hexanone	10.74	43	620999	262.970	ug/l	100
60) Dibromochloromethane	10.89	129	120209	51.323	ug/l	100
61) 1,2-Dibromoethane	10.99	107	115806	50.791	ug/l	99
64) Tetrachloroethene	10.62	164	121943	50.835	ug/l	99
65) Chlorobenzene	11.43	112	302004	49.975	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	110655	50.573	ug/l	98
67) Ethyl Benzene	11.50	91	573462	51.028	ug/l	100
68) m/p-Xylenes	11.62	106	426135	102.040	ug/l	100
69) o-Xylene	11.94	106	202832	50.878	ug/l	100
70) Styrene	11.96	104	334740	51.340	ug/l	100
71) Bromoform	12.12	173	84987	46.844	ug/l #	100
73) Isopropylbenzene	12.24	105	541307	51.685	ug/l	100
74) N-amyl acetate	12.06	43	249616	51.578	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	158452	50.029	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	146351m	48.600	ug/l	
77) Bromobenzene	12.52	156	126440	50.102	ug/l	100
78) n-propylbenzene	12.59	91	640839	51.792	ug/l	99
79) 2-Chlorotoluene	12.67	91	373232	50.484	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	455711	51.274	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	61201	52.197	ug/l	99
82) 4-Chlorotoluene	12.77	91	390961	51.922	ug/l	99
83) tert-Butylbenzene	12.99	119	373879	50.745	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	458555	52.151	ug/l	100
85) sec-Butylbenzene	13.17	105	511393	51.617	ug/l	100
86) p-Isopropyltoluene	13.28	119	457887	51.396	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	226574	50.904	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	224471	50.196	ug/l	99
89) n-Butylbenzene	13.61	91	418468	52.025	ug/l	100
90) Hexachloroethane	13.87	117	66396	51.271	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	218814	51.412	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	32357	48.770	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	131593	50.349	ug/l	99
94) Hexachlorobutadiene	15.01	225	66523	51.920	ug/l	100
95) Naphthalene	15.13	128	370384	47.116	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	122054	47.412	ug/l	100

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

