

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032620\
 Data File : VN060706.D
 Acq On : 26 Mar 2020 11:22
 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

apatel
 3/27/2020 10:11:08 AM

Quant Time: Mar 27 05:41:04 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	201014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	327992	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	304093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148024	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	129964	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
35) Dibromofluoromethane	7.56	113	96537	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
50) Toluene-d8	10.08	98	393006	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.40	95	146115	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	88922	45.718	ug/l	100
3) Chloromethane	2.04	50	153319	42.206	ug/l	99
4) Vinyl Chloride	2.17	62	118599	41.742	ug/l	98
5) Bromomethane	2.54	94	56598	46.145	ug/l	99
6) Chloroethane	2.68	64	73545	44.935	ug/l	99
7) Trichlorofluoromethane	3.00	101	158380	45.251	ug/l	96
8) Diethyl Ether	3.38	74	64484	45.862	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	96492	47.578	ug/l	100
10) Methyl Iodide	3.92	142	84230	46.674	ug/l	99
11) Tert butyl alcohol	4.72	59	74099	182.586	ug/l	99
12) 1,1-Dichloroethene	3.71	96	96038	44.128	ug/l	96
13) Acrolein	3.57	56	140386	312.122	ug/l	100
14) Allyl chloride	4.29	41	174327	45.543	ug/l	98
15) Acrylonitrile	4.93	53	255426	214.036	ug/l	99
16) Acetone	3.77	43	269621	275.839	ug/l	98
17) Carbon Disulfide	4.03	76	287685	43.464	ug/l	100
18) Methyl Acetate	4.28	43	119005	43.254	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	330854	44.217	ug/l	97
20) Methylene Chloride	4.52	84	109813	45.670	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	104515	45.059	ug/l	93
22) Diisopropyl ether	5.91	45	381005	47.114	ug/l	99
23) Vinyl Acetate	5.85	43	1540218	233.431	ug/l	99
24) 1,1-Dichloroethane	5.81	63	204164	46.311	ug/l	100
25) 2-Butanone	6.79	43	353744	223.648	ug/l	100
26) 2,2-Dichloropropane	6.79	77	177503	51.175	ug/l	100
27) cis-1,2-Dichloroethene	6.79	96	121569	46.121	ug/l	99
28) Bromochloromethane	7.16	49	110734	52.500	ug/l	99
29) Tetrahydrofuran	7.18	42	222272	198.614	ug/l	99
30) Chloroform	7.34	83	194358	45.988	ug/l	100
31) Cyclohexane	7.63	56	193589	43.558	ug/l	100
32) 1,1,1-Trichloroethane	7.54	97	167166	45.882	ug/l	99
36) 1,1-Dichloropropene	7.77	75	153102	48.206	ug/l	99
37) Ethyl Acetate	6.89	43	144826	42.202	ug/l	100
38) Carbon Tetrachloride	7.75	117	136228	47.858	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	187494	49.677	ug/l	98
40) Benzene	8.02	78	454660	47.422	ug/l	100
41) Methacrylonitrile	7.13	41	69245	47.280	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	155326	47.405	ug/l	99
43) Isopropyl Acetate	8.14	43	251224	44.389	ug/l	99
44) Trichloroethene	8.81	130	117473	48.605	ug/l	97
45) 1,2-Dichloropropane	9.10	63	122595	48.460	ug/l	98
46) Dibromomethane	9.19	93	72271	47.253	ug/l	99
47) Bromodichloromethane	9.38	83	152856	48.095	ug/l	99
48) Methyl methacrylate	9.18	41	110783	43.965	ug/l	100
49) 1,4-Dioxane	9.18	88	25928	865.688	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	705474	219.055	ug/l	99
52) Toluene	10.14	92	277539	47.933	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	179720	49.229	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	195752	48.877	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	104789	47.042	ug/l	99
56) Ethyl methacrylate	10.42	69	165702	47.707	ug/l	99
57) 1,3-Dichloropropane	10.69	76	184477	47.724	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	554691	321.323	ug/l	99
59) 2-Hexanone	10.74	43	520283	224.267	ug/l	100
60) Dibromochloromethane	10.89	129	110800	48.154	ug/l	99
61) 1,2-Dibromoethane	10.99	107	106079	47.358	ug/l	99
64) Tetrachloroethene	10.62	164	112716	47.103	ug/l	99
65) Chlorobenzene	11.42	112	284512	47.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	103394	47.371	ug/l	99
67) Ethyl Benzene	11.50	91	536097	47.820	ug/l	99
68) m/p-Xylenes	11.61	106	396220	95.110	ug/l	99
69) o-Xylene	11.94	106	188328	47.356	ug/l	99
70) Styrene	11.96	104	314292	48.322	ug/l	100
71) Bromoform	12.12	173	77498	42.965	ug/l #	100
73) Isopropylbenzene	12.24	105	510883	45.990	ug/l	100
74) N-amyl acetate	12.06	43	222144	43.276	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	144997	43.162	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	141106m	44.178	ug/l	
77) Bromobenzene	12.52	156	120795	45.127	ug/l	98
78) n-propylbenzene	12.59	91	611462	46.591	ug/l	100
79) 2-Chlorotoluene	12.67	91	355145	45.290	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	434399	46.080	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	55191	44.378	ug/l	99
82) 4-Chlorotoluene	12.77	91	369502	46.265	ug/l	100
83) tert-Butylbenzene	12.99	119	361434	46.250	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	437867	46.950	ug/l	99
85) sec-Butylbenzene	13.17	105	496730	47.269	ug/l	100
86) p-Isopropyltoluene	13.28	119	448913	47.506	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	221642	46.947	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	221825	46.767	ug/l	99
89) n-Butylbenzene	13.61	91	419344	49.152	ug/l	99
90) Hexachloroethane	13.87	117	64609	47.037	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	213182	47.224	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	27699	39.309	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	136763	49.334	ug/l	99
94) Hexachlorobutadiene	15.01	225	67771	49.869	ug/l	98
95) Naphthalene	15.13	128	366366	43.939	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	124561	45.618	ug/l	100

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

