Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031420\
Data File : BN010221.D
Acq On : 14 Mar 2020 14:14
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SICV55

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3/16/2020 1:54:31 PM

Quant Time: Mar 16 05:51:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 05:49:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	308582	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1286856	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	836391	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	1812905	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1798661	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	1982592	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	56484	7.89	ng/uL	0.00
5) Phenol-d5	6.81	99	483261	19.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	313905	22.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	393176	20.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	384083	19.74	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	185274	21.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	161947	23.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	419764	21.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	577795	24.13	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	1266449	20.07	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1495383	19.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	197054	20.32	ng/ul	0.00
58) Fluorene-d10	15.25	176	1084105	19.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	130177	19.07	ng/ul	0.00
71) Anthracene-d10	17.10	188	1694190	20.00	ng/ul	0.00
79) Pyrene-d10	19.39	212	1887424	19.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	2053422	20.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	57505	7.589	ng/uL	94
4) Benzaldehyde	6.78	77	341733	24.881	ng/ul	94
6) Phenol	6.83	94	500513	19.492	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.06	93	393741	19.594	ng/ul	98
10) 2-Chlorophenol	7.20	128	413477	20.786	ng/ul	96
11) 2-Methylphenol	8.07	108	384596	19.717	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.17	45	468096	19.584	ng/ul	96
14) Acetophenone	8.44	105	628705	20.040	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.43	70	325596	20.667	ng/ul	98
16) 4-Methylphenol	8.39	108	408982	19.614	ng/ul	96
17) Hexachloroethane	8.70	117	176610	20.019	ng/ul	92
20) Nitrobenzene	8.81	77	461160	20.442	ng/ul	98
21) Isophorone	9.33	82	879039	19.018	ng/ul	98
23) 2-Nitrophenol	9.52	139	187193	22.954	ng/ul	98
24) 2,4-Dimethylphenol	9.59	107	455581	19.613	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.82	93	526879	19.386	ng/ul	98
27) 2,4-Dichlorophenol	10.05	162	401589	20.521	ng/ul	99
28) Naphthalene	10.45	128	1334982	19.167	ng/ul	99
30) 4-Chloroaniline	10.55	127	578290	24.111	ng/ul	97
31) Hexachlorobutadiene	10.75	225	277092	18.701	ng/ul	97
32) Caprolactam	11.29	113	126144m	19.292	ng/ul	
33) 4-Chloro-3-methylphenol	11.68	107	419431	20.524	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	982793	19.808	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.28	142	931153	18.866 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	548942	20.099 ng/ul	98
38) Hexachlorocyclopentadiene	12.43	237	358121	19.479 ng/ul	99
39) 2,4,6-Trichlorophenol	12.68	196	305737	20.904 ng/ul	99
40) 2,4,5-Trichlorophenol	12.74	196	336922	21.045 ng/ul	92
41) 1,1'-Biphenyl	13.09	154	1263788	19.577 ng/ul	97
42) 2-Chloronaphthalene	13.12	162	1001112	19.351 ng/ul	98
43) 2-Nitroaniline	13.32	65	239022	22.457 ng/ul	93
45) Dimethylphthalate	13.72	163	1241240	18.829 ng/ul	99
46) 2,6-Dinitrotoluene	13.82	165	253847	23.320 ng/ul	93
48) Acenaphthylene	13.97	152	1600276	19.568 ng/ul	99
49) 3-Nitroaniline	14.15	138	255449	25.275 ng/ul#	97
50) Acenaphthene	14.32	153	1067894	19.144 ng/ul	99
51) 2,4-Dinitrophenol	14.36	184	74307	18.029 ng/ul	96
53) 4-Nitrophenol	14.46	109	161849	19.992 ng/ul	93
54) Dibenzofuran	14.66	168	1521206	19.638 ng/ul	99
55) 2,4-Dinitrotoluene	14.61	165	336375	22.001 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.88	232	293535	23.374 ng/ul	96
57) Diethylphthalate	15.10	149	1225641	18.776 ng/ul	99
59) Fluorene	15.31	166	1243156	19.060 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.31	204	647140	19.482 ng/ul	96
61) 4-Nitroaniline	15.31	138	295574	24.021 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.38	198	145085	18.190 ng/ul	96
65) N-Nitrosodiphenylamine	15.52	169	1095046	20.581 ng/ul	99
66) 4-Bromophenyl-phenylether	16.20	248	381934	19.635 ng/ul	99
67) Hexachlorobenzene	16.31	284	422811	19.243 ng/ul	97
68) Atrazine	16.47	200	379679	17.891 ng/ul	96
69) Pentachlorophenol	16.65	266	208761	20.092 ng/ul	98
70) Phenanthrene	17.04	178	1968520	19.253 ng/ul	99
72) Anthracene	17.13	178	2022571	19.426 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	534593	18.888 ng/uL	95
74) Pentachlorobenzene	14.58	250	506760	18.642 ng/uL	96
75) Carbazole	17.40	167	1845956	20.717 ng/ul	98
76) Di-n-butylphthalate	17.99	149	2071462	19.334 ng/ul	99
77) Fluoranthene	19.06	202	2411194	20.575 ng/ul	99
80) Pyrene	19.42	202	2488089	19.159 ng/ul	99
81) Butylbenzylphthalate	20.36	149	871891	20.536 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.12	252	884605	21.898 ng/ul	97
83) Benzo(a)anthracene	21.18	228	2432859	19.112 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.16	149	1358579	19.574 ng/ul	98
85) Chrysene	21.23	228	2382027	19.444 ng/ul	99
87) Di-n-octyl phthalate	22.03	149	2271159	20.204 ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	2475327	19.852 ng/ul	100
89) Benzo(k)fluoranthene	22.77	252	2413335	19.746 ng/ul	100
91) Benzo(a)pyrene	23.28	252	2445393	21.320 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.53	276	2849100	19.942 ng/ul	98
93) Dibenzo(a,h)anthracene	25.54	278	2344163	19.840 ng/ul	99
94) Benzo(g,h,i)perylene	26.19	276	2318946	19.726 ng/ul	99

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

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

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