Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119648.D
Acq On : 31 Mar 2020 13:11
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 31 14:13:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 31 14:11:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	364420	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1373596	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	708315	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1367695	20.00	ng		0.00
76) Chrysene-d12	14.02	240	997902	20.00	ng		0.00
87) Perylene-d12	15.48	264	966649	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1709393	74.67	ng		0.00
7) Phenol-d6	6.46	99	2220137	75.92	ng		0.00
23) Nitrobenzene-d5	7.40	82	1978585	78.28	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	639571	87.52	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	3445796	72.07	ng		0.00
79) Terphenyl-d14	12.96	244	3845962	75.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	407046	36.002	ng		95
3) Pyridine	3.28	79	1104008	35.444	ng		92
4) n-Nitrosodimethylamine	3.23	42	492984	32.455	ng		91
6) Aniline	6.49	93	1525457	37.796	ng		97
8) 2-Chlorophenol	6.62	128	953310	39.650	ng		98
9) Benzaldehyde	6.37	77	624886	33.685	ng		98
10) Phenol	6.47	94	1270092	40.704	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	983547	39.412	ng		98
12) 1,3-Dichlorobenzene	6.77	146	1024637	39.376	ng		98
13) 1,4-Dichlorobenzene	6.85	146	1024214	39.350	ng		97
14) 1,2-Dichlorobenzene	7.00	146	959075	39.421	ng		99
15) Benzyl Alcohol	6.97	79	837959	38.094	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1831549	36.385	ng		98
17) 2-Methylphenol	7.08	107	859607	39.021	ng		98
18) Hexachloroethane	7.35	117	384801	40.341	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	679650	38.559	ng		97
20) 3+4-Methylphenols	7.24	107	1010313	37.422	ng	#	84
22) Acetophenone	7.25	105	1184021	36.074	ng		98
24) Nitrobenzene	7.42	77	1026132	37.990	ng		99
25) Isophorone	7.66	82	1967449	38.375	ng		100
26) 2-Nitrophenol	7.73	139	511564	48.102	ng	#	86
27) 2,4-Dimethylphenol	7.77	122	774851	35.236	ng		100
28) bis(2-Chloroethoxy)methane	7.87	93	1206668	39.801	ng		99
29) 2,4-Dichlorophenol	7.97	162	808796	40.028	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	880022	39.382	ng		100
31) Naphthalene	8.14	128	2680331	37.918	ng		100
32) Benzoic acid	7.90	122	695013	49.133	ng		94
33) 4-Chloroaniline	8.19	127	1227464	37.896	ng		100
34) Hexachlorobutadiene	8.26	225	510621	40.842	ng		100
35) Caprolactam	8.57	113	254012	38.412	ng		97
36) 4-Chloro-3-methylphenol	8.67	107	850545	38.514	ng		99
37) 2-Methylnaphthalene	8.83	142	1810016	39.017	ng		98
38) 1-Methylnaphthalene	8.93	142	1709322	38.928	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	828624	39.912	ng		99

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ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 31 14:11:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	488213	41.363 ng	99
43) 2,4,6-Trichlorophenol	9.11	196	603110	40.594 ng	100
44) 2,4,5-Trichlorophenol	9.15	196	676849	40.667 ng	96
46) 1,1'-Biphenyl	9.30	154	2233700	38.720 ng	99
47) 2-Chloronaphthalene	9.33	162	1741482	38.538 ng	97
48) 2-Nitroaniline	9.42	65	632651	40.562 ng	90
49) Acenaphthylene	9.74	152	2671833	37.652 ng	100
50) Dimethylphthalate	9.60	163	2029135	40.331 ng	98
51) 2,6-Dinitrotoluene	9.66	165	458316	42.499 ng	92
52) Acenaphthene	9.92	154	1731694	39.144 ng	99
53) 3-Nitroaniline	9.83	138	543531	39.922 ng	96
54) 2,4-Dinitrophenol	9.93	184	252311	56.428 ng	92
55) Dibenzofuran	10.09	168	2409490	37.988 ng	99
56) 4-Nitrophenol	9.99	139	439182	40.891 ng	94
57) 2,4-Dinitrotoluene	10.07	165	608593	44.799 ng	91
58) Fluorene	10.43	166	1780949	37.971 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	521685	41.933 ng	98
60) Diethylphthalate	10.30	149	2105366	41.230 ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	931222	40.600 ng	99
62) 4-Nitroaniline	10.45	138	549069	42.056 ng	95
63) Azobenzene	10.59	77	2003417	38.961 ng	95
65) 4,6-Dinitro-2-methylphenol	10.48	198	335222	58.451 ng	94
66) n-Nitrosodiphenylamine	10.55	169	1697069	37.797 ng	98
67) 4-Bromophenyl-phenylether	10.92	248	628886	40.375 ng	94
68) Hexachlorobenzene	10.98	284	652918	40.956 ng	95
69) Atrazine	11.07	200	524456	42.607 ng	98
70) Pentachlorophenol	11.17	266	411861	44.060 ng	97
71) Phenanthrene	11.40	178	2667586	37.615 ng	100
72) Anthracene	11.45	178	2701021	37.474 ng	99
73) Carbazole	11.60	167	2653817	37.198 ng	100
74) Di-n-butylphthalate	11.93	149	3318290	43.480 ng	99
75) Fluoranthene	12.59	202	2915101	37.981 ng	98
77) Benzidine	12.70	184	1376180	32.587 ng	100
78) Pyrene	12.82	202	2965753	36.213 ng	100
80) Butylbenzylphthalate	13.44	149	1504118	45.409 ng	99
81) Benzo(a)anthracene	14.01	228	2342125	36.093 ng	98
82) 3,3'-Dichlorobenzidine	13.97	252	1012982	39.591 ng	99
83) Chrysene	14.04	228	2491150	37.197 ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1957009	49.562 ng	96
85) Di-n-octyl phthalate	14.62	149	3527764	50.800 ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	2288046	36.276 ng	97
88) Benzo(b)fluoranthene	15.06	252	2587479	40.071 ng	99
89) Benzo(k)fluoranthene	15.09	252	2293186	37.296 ng	98
90) Benzo(a)pyrene	15.42	252	2241488	38.197 ng	100
91) Dibenzo(a,h)anthracene	16.97	278	1907562	37.165 ng	99
92) Benzo(g,h,i)perylene	17.39	276	1840862	35.700 ng	96

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

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