Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119665.D
Acq On : 1 Apr 2020 11:00
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 01 12:01:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	282245	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1045743	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	530321	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	1034696	20.00	ng		0.00
76) Chrysene-d12	14.00	240	781734	20.00	ng		0.00
87) Perylene-d12	15.45	264	826020	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1332757	75.17	ng		0.00
7) Phenol-d6	6.45	99	1725667	76.19	ng		0.00
23) Nitrobenzene-d5	7.38	82	1525511	79.28	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	489912	89.54	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	2671314	74.62	ng		0.00
79) Terphenyl-d14	12.94	244	3010350	75.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	313461	35.797	ng		96
3) Pyridine	3.26	79	853068	35.361	ng		91
4) n-Nitrosodimethylamine	3.21	42	386737	32.873	ng		90
6) Aniline	6.48	93	1169872	37.425	ng		98
8) 2-Chlorophenol	6.60	128	738092	39.636	ng		98
9) Benzaldehyde	6.36	77	474276	33.010	ng		99
10) Phenol	6.46	94	988429	40.900	ng		98
11) bis(2-Chloroethyl)ether	6.55	93	745974	38.595	ng		98
12) 1,3-Dichlorobenzene	6.76	146	794141	39.403	ng		99
13) 1,4-Dichlorobenzene	6.83	146	792722	39.323	ng		98
14) 1,2-Dichlorobenzene	6.99	146	747243	39.657	ng		99
15) Benzyl Alcohol	6.96	79	642095	37.688	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1388482	35.614	ng		99
17) 2-Methylphenol	7.07	107	661012	38.743	ng		97
18) Hexachloroethane	7.33	117	296075	40.077	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	515822	37.785	ng		99
20) 3+4-Methylphenols	7.22	107	793825	37.964	ng		95
22) Acetophenone	7.23	105	909958	36.416	ng	#	90
24) Nitrobenzene	7.40	77	794640	38.643	ng		95
25) Isophorone	7.64	82	1479771	37.911	ng		98
26) 2-Nitrophenol	7.72	139	390484	48.228	ng		93
27) 2,4-Dimethylphenol	7.75	122	614895	36.728	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	899071	38.953	ng		98
29) 2,4-Dichlorophenol	7.96	162	613262	39.867	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	676408	39.760	ng		99
31) Naphthalene	8.13	128	2082833	38.703	ng		99
32) Benzoic acid	7.88	122	515340	47.853	ng		94
33) 4-Chloroaniline	8.17	127	932504	37.816	ng		97
34) Hexachlorobutadiene	8.25	225	394892	41.487	ng		98
35) Caprolactam	8.55	113	193520	38.439	ng	#	86
36) 4-Chloro-3-methylphenol	8.65	107	653127	38.847	ng		97
37) 2-Methylnaphthalene	8.82	142	1375840	38.955	ng		98
38) 1-Methylnaphthalene	8.92	142	1299923	38.886	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	634407	40.813	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	380801	43.091 ng	98
43) 2,4,6-Trichlorophenol	9.09	196	451178	40.560 ng	98
44) 2,4,5-Trichlorophenol	9.13	196	512124	41.098 ng	95
46) 1,1'-Biphenyl	9.29	154	1710826	39.610 ng	98
47) 2-Chloronaphthalene	9.31	162	1329396	39.293 ng	97
48) 2-Nitroaniline	9.40	65	483965	41.443 ng	99
49) Acenaphthylene	9.72	152	2045945	38.508 ng	99
50) Dimethylphthalate	9.59	163	1511520	40.126 ng	100
51) 2,6-Dinitrotoluene	9.65	165	344354	42.649 ng	93
52) Acenaphthene	9.90	154	1328161	40.099 ng	99
53) 3-Nitroaniline	9.82	138	417667	40.974 ng	94
54) 2,4-Dinitrophenol	9.92	184	197002	58.535 ng	93
55) Dibenzofuran	10.07	168	1836115	38.665 ng	100
56) 4-Nitrophenol	9.97	139	331152	41.181 ng	95
57) 2,4-Dinitrotoluene	10.05	165	465756	45.792 ng	87
58) Fluorene	10.41	166	1395301	39.733 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	393193	42.213 ng	98
60) Diethylphthalate	10.29	149	1579813	41.322 ng	98
61) 4-Chlorophenyl-phenylether	10.40	204	699621	40.740 ng	99
62) 4-Nitroaniline	10.43	138	419619	42.929 ng	91
63) Azobenzene	10.56	77	1491483	38.740 ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	253654	58.462 ng	91
66) n-Nitrosodiphenylamine	10.52	169	1306923	38.476 ng	99
67) 4-Bromophenyl-phenylether	10.89	248	470089	39.893 ng	98
68) Hexachlorobenzene	10.96	284	488029	40.465 ng	93
69) Atrazine	11.05	200	381916	41.013 ng	99
70) Pentachlorophenol	11.15	266	299342	42.329 ng	95
71) Phenanthrene	11.37	178	2057019	38.340 ng	98
72) Anthracene	11.43	178	2106785	38.636 ng	99
73) Carbazole	11.58	167	2067689	38.310 ng	99
74) Di-n-butylphthalate	11.92	149	2477255	42.906 ng	100
75) Fluoranthene	12.56	202	2268009	39.061 ng	99
77) Benzidine	12.69	184	1173508	35.471 ng	99
78) Pyrene	12.79	202	2318793	36.143 ng	99
80) Butylbenzylphthalate	13.42	149	1104300	42.558 ng	99
81) Benzo(a)anthracene	13.99	228	1909701	37.567 ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	789904	39.409 ng	99
83) Chrysene	14.02	228	1980204	37.744 ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1451338	46.919 ng	99
85) Di-n-octyl phthalate	14.59	149	2643219	48.587 ng	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	2100770	42.517 ng	99
88) Benzo(b)fluoranthene	15.03	252	2136112	38.713 ng	97
89) Benzo(k)fluoranthene	15.06	252	1868346	35.560 ng	99
90) Benzo(a)pyrene	15.40	252	1903412	37.958 ng	98
91) Dibenzo(a,h)anthracene	16.93	278	1704924	38.872 ng	97
92) Benzo(g,h,i)perylene	17.36	276	1675180	38.018 ng	96

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

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