Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
Data File : BF119101.D
Acq On : 27 Feb 2020 9:25
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 28 02:51:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	233065	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	847283	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	466350	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	857745	20.00	ng		0.00
76) Chrysene-d12	13.91	240	595623	20.00	ng		0.00
87) Perylene-d12	15.33	264	538193	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1099445	78.84	ng		0.00
7) Phenol-d6	6.40	99	1371316	80.85	ng		0.00
23) Nitrobenzene-d5	7.32	82	1292926	80.57	ng		0.00
42) 2,4,6-Tribromophenol	10.58	330	481531	78.93	ng		0.00
45) 2-Fluorobiphenyl	9.11	172	2286522	72.23	ng		0.00
79) Terphenyl-d14	12.85	244	2769639	80.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	230485	37.119	ng		99
3) Pyridine	3.18	79	650479	38.359	ng		98
4) n-Nitrosodimethylamine	3.15	42	224186	43.641	ng		96
6) Aniline	6.42	93	823076	39.328	ng		96
8) 2-Chlorophenol	6.55	128	613512	40.763	ng		97
9) Benzaldehyde	6.30	77	389360	34.359	ng		99
10) Phenol	6.42	94	728622	39.733	ng		94
11) bis(2-Chloroethyl)ether	6.49	93	564639	40.242	ng		99
12) 1,3-Dichlorobenzene	6.69	146	719143	39.866	ng		98
13) 1,4-Dichlorobenzene	6.77	146	721397	39.963	ng		98
14) 1,2-Dichlorobenzene	6.92	146	646345	39.261	ng		100
15) Benzyl Alcohol	6.90	79	507012	41.360	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.03	45	473138	38.927	ng		87
17) 2-Methylphenol	7.02	107	493613	40.452	ng		99
18) Hexachloroethane	7.26	117	260264	40.300	ng		97
19) n-Nitroso-di-n-propylamine	7.17	70	399631	40.435	ng		100
20) 3+4-Methylphenols	7.17	107	590442	39.496	ng		94
22) Acetophenone	7.17	105	793367	40.470	ng	#	96
24) Nitrobenzene	7.34	77	638942	40.264	ng		98
25) Isophorone	7.58	82	1104760	39.641	ng		100
26) 2-Nitrophenol	7.65	139	341816	40.653	ng		99
27) 2,4-Dimethylphenol	7.70	122	450753	39.501	ng		98
28) bis(2-Chloroethoxy)methane	7.79	93	698182	38.489	ng		99
29) 2,4-Dichlorophenol	7.90	162	531092	39.534	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	618133	38.809	ng		98
31) Naphthalene	8.06	128	1698541	38.655	ng		99
32) Benzoic acid	7.87	122	383128	46.290	ng		98
33) 4-Chloroaniline	8.10	127	742984	39.312	ng		99
34) Hexachlorobutadiene	8.17	225	382073	38.510	ng		98
35) Caprolactam	8.50	113	169402	40.953	ng		97
36) 4-Chloro-3-methylphenol	8.60	107	555283	40.843	ng		96
37) 2-Methylnaphthalene	8.75	142	1136134	38.420	ng		100
38) 1-Methylnaphthalene	8.85	142	1072332	38.559	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	600930	38.219	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	168635	35.399 ng	99
43) 2,4,6-Trichlorophenol	9.03	196	394459	39.727 ng	99
44) 2,4,5-Trichlorophenol	9.07	196	400932	38.480 ng	98
46) 1,1'-Biphenyl	9.21	154	1424476	37.794 ng	98
47) 2-Chloronaphthalene	9.23	162	1184932	39.013 ng	99
48) 2-Nitroaniline	9.33	65	357841	42.240 ng	98
49) Acenaphthylene	9.65	152	1670322	38.076 ng	99
50) Dimethylphthalate	9.52	163	1406549	39.442 ng	100
51) 2,6-Dinitrotoluene	9.58	165	315334	39.801 ng	98
52) Acenaphthene	9.82	154	1019612	38.547 ng	99
53) 3-Nitroaniline	9.75	138	356300	40.565 ng	100
54) 2,4-Dinitrophenol	9.86	184	152834	43.457 ng	95
55) Dibenzofuran	9.99	168	1468412	37.193 ng	99
56) 4-Nitrophenol	9.93	139	197851	37.491 ng	94
57) 2,4-Dinitrotoluene	9.99	165	393877	38.354 ng	99
58) Fluorene	10.33	166	1188384	38.736 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	342371	38.942 ng	99
60) Diethylphthalate	10.21	149	1316995	39.189 ng	100
61) 4-Chlorophenyl-phenylether	10.32	204	620599	38.216 ng	99
62) 4-Nitroaniline	10.37	138	367804	40.929 ng	100
63) Azobenzene	10.49	77	1151938	39.435 ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	222550	42.878 ng	88
66) n-Nitrosodiphenylamine	10.45	169	1091558	38.865 ng	99
67) 4-Bromophenyl-phenylether	10.81	248	429832	38.337 ng	99
68) Hexachlorobenzene	10.89	284	501148	38.769 ng	99
69) Atrazine	10.97	200	355016	36.179 ng	98
70) Pentachlorophenol	11.08	266	206571	39.671 ng	98
71) Phenanthrene	11.29	178	1804073	38.567 ng	100
72) Anthracene	11.35	178	1805320	38.626 ng	99
73) Carbazole	11.50	167	1642543	39.448 ng	99
74) Di-n-butylphthalate	11.83	149	1959296	38.856 ng	99
75) Fluoranthene	12.48	202	1902185	38.310 ng	99
77) Benzidine	12.60	184	748085	30.883 ng	100
78) Pyrene	12.71	202	1932037	40.396 ng	100
80) Butylbenzylphthalate	13.32	149	846835	42.070 ng	99
81) Benzo(a)anthracene	13.90	228	1622096	39.969 ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	612560	38.871 ng	100
83) Chrysene	13.94	228	1575135	38.952 ng	99
84) Bis(2-ethylhexyl)phthalate	13.88	149	1061290	41.733 ng	99
85) Di-n-octyl phthalate	14.49	149	1567007	38.674 ng	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	1401187	35.785 ng	100
88) Benzo(b)fluoranthene	14.93	252	1466864	41.350 ng	99
89) Benzo(k)fluoranthene	14.96	252	1289445	39.222 ng	99
90) Benzo(a)pyrene	15.27	252	1244272	38.863 ng	99
91) Dibenzo(a,h)anthracene	16.75	278	1127842	40.035 ng	99
92) Benzo(g,h,i)perylene	17.17	276	1140584	40.977 ng	99

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

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