Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\
Data File : BF117793.D
Acq On : 14 Nov 2019 14:40
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Nov 14 16:34:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	307045	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1172932	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	617217	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1175319	20.00	ng	0.00
76) Chrysene-d12	14.12	240	765735	20.00	ng	0.00
87) Perylene-d12	15.63	264	686263	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1384994	79.84	ng	0.00
7) Phenol-d6	6.55	99	1704454	81.47	ng	0.00
23) Nitrobenzene-d5	7.49	82	1661482	84.21	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	534652	81.82	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	2952971	85.83	ng	0.00
79) Terphenyl-d14	13.06	244	3171558	75.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	330502	40.761	ng	99
3) Pyridine	3.49	79	897285	42.187	ng	99
4) n-Nitrosodimethylamine	3.45	42	393124	42.342	ng	99
6) Aniline	6.59	93	1176001	42.535	ng	99
8) 2-Chlorophenol	6.71	128	792597	42.110	ng	97
9) Benzaldehyde	6.47	77	569209	42.936	ng	98
10) Phenol	6.56	94	919671	42.301	ng	98
11) bis(2-Chloroethyl)ether	6.66	93	741382	42.464	ng	98
12) 1,3-Dichlorobenzene	6.87	146	917122	41.388	ng	97
13) 1,4-Dichlorobenzene	6.95	146	928816	41.468	ng	99
14) 1,2-Dichlorobenzene	7.10	146	861408	40.212	ng	98
15) Benzyl Alcohol	7.07	79	693679	42.944	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1117644	41.579	ng	99
17) 2-Methylphenol	7.17	107	667421	41.872	ng	99
18) Hexachloroethane	7.45	117	341260	41.474	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	543098	42.077	ng	98
20) 3+4-Methylphenols	7.33	107	808602	40.867	ng	93
22) Acetophenone	7.34	105	1089119	41.329	ng	98
24) Nitrobenzene	7.51	77	858598	42.181	ng	97
25) Isophorone	7.75	82	1492476	41.270	ng	98
26) 2-Nitrophenol	7.83	139	428701	43.270	ng	98
27) 2,4-Dimethylphenol	7.86	122	645285	41.915	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	939711	40.948	ng	99
29) 2,4-Dichlorophenol	8.07	162	685162	41.030	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	791560	40.865	ng	98
31) Naphthalene	8.24	128	2250939	41.165	ng	99
32) Benzoic acid	7.98	122	546666	42.409	ng	99
33) 4-Chloroaniline	8.28	127	1005082	41.058	ng	99
34) Hexachlorobutadiene	8.36	225	466821	41.220	ng	99
35) Caprolactam	8.66	113	227707	42.905	ng	98
36) 4-Chloro-3-methylphenol	8.76	107	708796	41.823	ng	98
37) 2-Methylnaphthalene	8.93	142	1534064	41.522	ng	99
38) 1-Methylnaphthalene	9.03	142	1431946	40.996	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	735827	41.051	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	406616	40.480	ng	98
43) 2,4,6-Trichlorophenol	9.20	196	517414	40.301	ng	97
44) 2,4,5-Trichlorophenol	9.25	196	544749	40.866	ng	99
46) 1,1'-Biphenyl	9.40	154	1877118	40.992	ng	98
47) 2-Chloronaphthalene	9.42	162	1546557	41.055	ng	98
48) 2-Nitroaniline	9.52	65	480418	42.242	ng	97
49) Acenaphthylene	9.85	152	2242376	40.828	ng	99
50) Dimethylphthalate	9.70	163	1783880	41.215	ng	100
51) 2,6-Dinitrotoluene	9.76	165	406111	42.932	ng	98
52) Acenaphthene	10.02	154	1460506	41.512	ng	99
53) 3-Nitroaniline	9.93	138	486123	42.948	ng	98
54) 2,4-Dinitrophenol	10.03	184	189630	42.717	ng	97
55) Dibenzofuran	10.19	168	2033187	41.732	ng	100
56) 4-Nitrophenol	10.07	139	362992	42.964	ng	100
57) 2,4-Dinitrotoluene	10.16	165	527928	43.874	ng	99
58) Fluorene	10.53	166	1501758	39.777	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	454328	41.481	ng	100
60) Diethylphthalate	10.40	149	1746127	41.380	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	784831	40.963	ng	98
62) 4-Nitroaniline	10.55	138	487270	42.995	ng	99
63) Azobenzene	10.68	77	1584956	41.286	ng	98
65) 4,6-Dinitro-2-methylphenol	10.57	198	243635	44.404	ng	98
66) n-Nitrosodiphenylamine	10.64	169	1388968	40.607	ng	99
67) 4-Bromophenyl-phenylether	11.02	248	522993	41.240	ng	98
68) Hexachlorobenzene	11.08	284	611107	41.326	ng	98
69) Atrazine	11.16	200	423918	37.675	ng	98
70) Pentachlorophenol	11.27	266	357231	41.350	ng	99
71) Phenanthrene	11.50	178	2319818	39.258	ng	99
72) Anthracene	11.55	178	2316701	39.543	ng	99
73) Carbazole	11.70	167	2120355	41.416	ng	100
74) Di-n-butylphthalate	12.03	149	2533867	39.750	ng	99
75) Fluoranthene	12.69	202	2369951	43.851	ng	98
77) Benzidine	12.80	184	1081159	43.104	ng	97
78) Pyrene	12.92	202	2369605	38.292	ng	98
80) Butylbenzylphthalate	13.53	149	1080831	40.665	ng	93
81) Benzo(a)anthracene	14.11	228	2026131	40.041	ng	98
82) 3,3'-Dichlorobenzidine	14.07	252	763637	43.144	ng	99
83) Chrysene	14.15	228	1966595	40.108	ng	99
84) Bis(2-ethylhexyl)phthalate	14.10	149	1354898	42.047	ng	99
85) Di-n-octyl phthalate	14.72	149	2096400	44.285	ng	99
86) Indeno(1,2,3-cd)pyrene	17.17	276	1581909	37.907	ng	100
88) Benzo(b)fluoranthene	15.19	252	1859494	41.705	ng	98
89) Benzo(k)fluoranthene	15.22	252	1740806	41.437	ng	97
90) Benzo(a)pyrene	15.57	252	1599974	40.808	ng	99
91) Dibenzo(a,h)anthracene	17.20	278	1299618	38.511	ng	99
92) Benzo(g,h,i)perylene	17.64	276	1243724	37.002	ng	99

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

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