Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090220\
Data File : BF121515.D
Acq On : 2 Sep 2020 15:20
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 02 17:59:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 17:52:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	360150	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1350687	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	676892	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1282092	20.00	ng	0.00
76) Chrysene-d12	14.02	240	1076582	20.00	ng	0.00
86) Perylene-d12	15.47	264	1027455	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1589270	74.04	ng	0.00
7) Phenol-d6	6.48	99	2239378	74.65	ng	0.00
23) Nitrobenzene-d5	7.42	82	1750083	88.58	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	628605	91.94	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3037586	72.41	ng	0.00
79) Terphenyl-d14	12.96	244	3461294	67.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.62	88	385871	37.693	ng	100
3) Pyridine	3.37	79	1055389	37.857	ng	100
4) n-Nitrosodimethylamine	3.33	42	433264	35.159	ng	100
6) Aniline	6.51	93	1334854	37.503	ng	100
8) 2-Chlorophenol	6.63	128	861026	39.521	ng	100
9) Benzaldehyde	6.40	77	559283	36.508	ng	100
10) Phenol	6.49	94	1145500	39.035	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	854195	35.826	ng	100
12) 1,3-Dichlorobenzene	6.79	146	967276	36.874	ng	100
13) 1,4-Dichlorobenzene	6.86	146	970175	36.904	ng	100
14) 1,2-Dichlorobenzene	7.02	146	896578	36.627	ng	100
15) Benzyl Alcohol	6.99	79	737549	37.459	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1237765	35.043	ng	100
17) 2-Methylphenol	7.10	107	709763	37.443	ng	100
18) Hexachloroethane	7.36	117	357540	39.739	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	599648	35.769	ng	100
20) 3+4-Methylphenols	7.26	107	843498	36.771	ng	100
22) Acetophenone	7.26	105	1145648	34.413	ng	100
24) Nitrobenzene	7.43	77	879579	44.415	ng	100
25) Isophorone	7.67	82	1589171	35.762	ng	100
26) 2-Nitrophenol	7.75	139	410455	49.157	ng	100
27) 2,4-Dimethylphenol	7.78	122	660113	35.816	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	1086994	35.972	ng	100
29) 2,4-Dichlorophenol	7.99	162	723498	39.757	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	806375	36.172	ng	100
31) Naphthalene	8.15	128	2402140	35.823	ng	100
32) Benzoic acid	7.92	122	560720	48.479	ng	100
33) 4-Chloroaniline	8.20	127	1086343	36.373	ng	100
34) Hexachlorobutadiene	8.27	225	486310	36.683	ng	100
35) Caprolactam	8.58	113	243050	40.950	ng	100
36) 4-Chloro-3-methylphenol	8.68	107	731097	38.104	ng	100
37) 2-Methylnaphthalene	8.85	142	1590683	35.804	ng	100
38) 1-Methylnaphthalene	8.95	142	1524985	36.351	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	759949	37.874	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	383163	45.410	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	535435	42.219	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	554037	44.178	ng	100
46) 1,1'-Biphenyl	9.31	154	1891524	37.032	ng	100
47) 2-Chloronaphthalene	9.33	162	1557803	37.105	ng	100
48) 2-Nitroaniline	9.43	65	494897	42.829	ng	100
49) Acenaphthylene	9.75	152	2372487	37.674	ng	100
50) Dimethylphthalate	9.61	163	1818509	39.111	ng	100
51) 2,6-Dinitrotoluene	9.67	165	379787	44.173	ng	100
52) Acenaphthene	9.92	154	1431580	36.001	ng	100
53) 3-Nitroaniline	9.84	138	475725	43.433	ng	100
54) 2,4-Dinitrophenol	9.95	184	152434	53.488	ng	100
55) Dibenzofuran	10.09	168	2071275	35.858	ng	100
56) 4-Nitrophenol	9.99	139	349152	42.929	ng	100
57) 2,4-Dinitrotoluene	10.07	165	475977	44.920	ng	100
58) Fluorene	10.43	166	1540754	35.384	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	457643	43.831	ng	100
60) Diethylphthalate	10.31	149	1710510	36.617	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	778682	35.691	ng	100
62) 4-Nitroaniline	10.45	138	470084	42.000	ng	100
63) Azobenzene	10.59	77	1636514	35.426	ng	100
65) 4,6-Dinitro-2-methylphenol	10.48	198	207855	52.788	ng	100
66) n-Nitrosodiphenylamine	10.55	169	1452938	35.831	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	518564	36.767	ng	100
68) Hexachlorobenzene	10.98	284	607938	36.860	ng	100
69) Atrazine	11.07	200	444318	37.782	ng	100
70) Pentachlorophenol	11.17	266	351379	46.634	ng	100
71) Phenanthrene	11.40	178	2293774	34.863	ng	100
72) Anthracene	11.44	178	2310999	35.712	ng	100
73) Carbazole	11.60	167	2230676	35.747	ng	100
74) Di-n-butylphthalate	11.93	149	2593715	37.415	ng	100
75) Fluoranthene	12.59	202	2646039	37.316	ng	100
77) Benzidine	12.70	184	953676	40.617	ng	100
78) Pyrene	12.82	202	2719663	35.372	ng	100
80) Butylbenzylphthalate	13.43	149	1211850	40.912	ng	100
81) Benzo(a)anthracene	14.00	228	2328901	35.437	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	958474	39.818	ng	100
83) Chrysene	14.04	228	2334094	35.499	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1490674	38.965	ng	100
85) Di-n-octyl phthalate	14.60	149	2647563	40.836	ng	100
87) Indeno(1,2,3-cd)pyrene	16.93	276	2116537	33.480	ng	100
88) Benzo(b)fluoranthene	15.05	252	2365785	35.397	ng	100
89) Benzo(k)fluoranthene	15.08	252	2106456	33.884	ng	100
90) Benzo(a)pyrene	15.42	252	2064181	34.346	ng	100
91) Dibenzo(a,h)anthracene	16.95	278	1713985	33.122	ng	100
92) Benzo(g,h,i)perylene	17.37	276	1669779	33.497	ng	100

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

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