Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
Data File : BF141707.D
Acq On : 20 Feb 2025 17:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 20 17:37:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Rahul Chavli
02/21/2025
Supervised By :Jagrut Upadhyay
02/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	87869	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	346295	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	185494	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	301785	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	183935	20.000	ng	-0.02
86) Perylene-d12	15.380	264	180639	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	471409	84.108	ng	-0.01
7) Phenol-d6	6.422	99	575085	81.181	ng	-0.02
23) Nitrobenzene-d5	7.345	82	527762	79.490	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	147468	79.140	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	985125	81.821	ng	-0.01
79) Terphenyl-d14	12.880	244	906822	83.229	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.475	88	93278	41.350	ng	98
3) Pyridine	3.199	79	232077	43.234	ng	95
4) n-Nitrosodimethylamine	3.157	42	134182	37.751	ng	92
6) Aniline	6.446	93	262064	39.437	ng	95
8) 2-Chlorophenol	6.569	128	249942	41.270	ng	98
9) Benzaldehyde	6.334	77	148908	39.556	ng	100
10) Phenol	6.440	94	302192	40.986	ng	97
11) bis(2-Chloroethyl)ether	6.522	93	227648	41.107	ng	98
12) 1,3-Dichlorobenzene	6.722	146	266673	41.709	ng	98
13) 1,4-Dichlorobenzene	6.798	146	273983	41.942	ng	98
14) 1,2-Dichlorobenzene	6.951	146	256300	42.273	ng	99
15) Benzyl Alcohol	6.928	79	213133	39.234	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	361962	38.182	ng	79
17) 2-Methylphenol	7.045	107	191673	40.443	ng	99
18) Hexachloroethane	7.293	117	100107	41.408	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	170070	40.136	ng	95
20) 3+4-Methylphenols	7.198	107	246595	40.942	ng	95
22) Acetophenone	7.193	105	347556	40.347	ng	95
24) Nitrobenzene	7.369	77	256961	39.690	ng	97
25) Isophorone	7.604	82	426628	40.300	ng	98
26) 2-Nitrophenol	7.681	139	135698	42.129	ng	94
27) 2,4-Dimethylphenol	7.722	122	156138	41.495	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	279268	41.169	ng	99
29) 2,4-Dichlorophenol	7.928	162	208070	40.925	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	229310	41.418	ng	98
31) Naphthalene	8.087	128	722374	40.074	ng	100
32) Benzoic acid	7.857	122	133290	34.103	ng	96
33) 4-Chloroaniline	8.140	127	253295	40.247	ng	98
34) Hexachlorobutadiene	8.198	225	136759	41.146	ng	99
35) Caprolactam	8.504	113	62600m	40.440	ng	
36) 4-Chloro-3-methylphenol	8.628	107	223621	39.707	ng	98
37) 2-Methylnaphthalene	8.775	142	468555	39.945	ng	100
38) 1-Methylnaphthalene	8.875	142	452107	39.795	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	222151	41.395	ng	99
41) Hexachlorocyclopentadiene	8.928	237	92852	52.019	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	141705	40.855	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	152182	40.484	ng	98
46) 1,1'-Biphenyl	9.239	154	589083	40.963	ng	100
47) 2-Chloronaphthalene	9.263	162	436372	41.034	ng	99
48) 2-Nitroaniline	9.363	65	140428	39.348	ng	98
49) Acenaphthylene	9.675	152	636570	40.245	ng	99
50) Dimethylphthalate	9.539	163	517733	41.114	ng	99
51) 2,6-Dinitrotoluene	9.604	165	113320	41.165	ng	99
52) Acenaphthene	9.851	154	418833	39.387	ng	99
53) 3-Nitroaniline	9.775	138	113925	38.451	ng	99
54) 2,4-Dinitrophenol	9.892	184	64268	39.281	ng	87
55) Dibenzofuran	10.022	168	619287	39.676	ng	99
56) 4-Nitrophenol	9.951	139	128362	58.361	ng	91
57) 2,4-Dinitrotoluene	10.010	165	148187	40.436	ng	100
58) Fluorene	10.363	166	479194	39.706	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	130431	40.303	ng	95
60) Diethylphthalate	10.239	149	498264	40.216	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	234915	40.461	ng	98
62) 4-Nitroaniline	10.392	138	110495	36.727	ng	94
63) Azobenzene	10.516	77	474593	38.532	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	82013	39.122	ng	92
66) n-Nitrosodiphenylamine	10.475	169	412415	42.691	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	141384	41.918	ng	99
68) Hexachlorobenzene	10.910	284	146904	42.297	ng	100
69) Atrazine	11.004	200	105755	36.491	ng	98
70) Pentachlorophenol	11.110	266	87169	39.252	ng	99
71) Phenanthrene	11.328	178	665850	40.083	ng	99
72) Anthracene	11.375	178	672708	40.284	ng	100
73) Carbazole	11.533	167	588101	39.140	ng	100
74) Di-n-butylphthalate	11.863	149	705215	40.647	ng	100
75) Fluoranthene	12.510	202	661652	37.569	ng	99
77) Benzidine	12.639	184	182580	45.009	ng	100
78) Pyrene	12.739	202	653830	41.757	ng	100
80) Butylbenzylphthalate	13.357	149	229665	42.347	ng	99
81) Benzo(a)anthracene	13.927	228	481502	39.381	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	146078	41.708	ng	99
83) Chrysene	13.963	228	466703	41.339	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	292300	47.787	ng	99
85) Di-n-octyl phthalate	14.527	149	457690	52.451	ng	98
87) Indeno(1,2,3-cd)pyrene	16.815	276	488391	43.757	ng	99
88) Benzo(b)fluoranthene	14.963	252	494368	40.759	ng	99
89) Benzo(k)fluoranthene	14.992	252	371796	35.898	ng	98
90) Benzo(a)pyrene	15.321	252	392343	39.976	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	396017	43.788	ng	99
92) Benzo(g,h,i)perylene	17.245	276	417878	44.154	ng	99

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

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