Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142068.D
Acq On : 25 Mar 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 25 11:20:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	160336	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	599217	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	347065	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	578583	20.000	ng	0.00
76) Chrysene-d12	14.033	240	306767	20.000	ng	0.00
86) Perylene-d12	15.510	264	312865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	714407	74.364	ng	0.00
7) Phenol-d6	6.504	99	904122	73.916	ng	0.00
23) Nitrobenzene-d5	7.440	82	848620	79.699	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	364394	82.761	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1736828	76.106	ng	0.00
79) Terphenyl-d14	12.980	244	1807796	87.126	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	147438	36.628	ng	97
3) Pyridine	3.399	79	354446	35.897	ng	97
4) n-Nitrosodimethylamine	3.346	42	158704	33.718	ng	95
6) Aniline	6.540	93	427152	35.400	ng	100
8) 2-Chlorophenol	6.663	128	403852	37.903	ng	98
9) Benzaldehyde	6.428	77	255343	37.326	ng	98
10) Phenol	6.516	94	471021	36.604	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	344092	35.611	ng	98
12) 1,3-Dichlorobenzene	6.816	146	438893	38.155	ng	99
13) 1,4-Dichlorobenzene	6.893	146	447039	38.410	ng	99
14) 1,2-Dichlorobenzene	7.045	146	415389	37.892	ng	99
15) Benzyl Alcohol	7.016	79	360226	36.428	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	390448	33.471	ng	97
17) 2-Methylphenol	7.122	107	310274	36.625	ng	99
18) Hexachloroethane	7.387	117	164258	37.636	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	265879	33.829	ng	99
20) 3+4-Methylphenols	7.275	107	391386	36.069	ng	93
22) Acetophenone	7.287	105	548318	38.211	ng	99
24) Nitrobenzene	7.457	77	407547	38.501	ng	98
25) Isophorone	7.692	82	673127	35.763	ng	100
26) 2-Nitrophenol	7.775	139	219178	42.188	ng	97
27) 2,4-Dimethylphenol	7.804	122	264961	37.039	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	427999	36.255	ng	99
29) 2,4-Dichlorophenol	8.010	162	350557	39.480	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	384423	39.286	ng	99
31) Naphthalene	8.181	128	1185441	38.512	ng	99
32) Benzoic acid	7.916	122	255444	40.622	ng	97
33) 4-Chloroaniline	8.228	127	422217	38.856	ng	97
34) Hexachlorobutadiene	8.292	225	257520	40.354	ng	99
35) Caprolactam	8.598	113	103032	38.060	ng	90
36) 4-Chloro-3-methylphenol	8.704	107	374971	37.857	ng	98
37) 2-Methylnaphthalene	8.869	142	773404	37.591	ng	99
38) 1-Methylnaphthalene	8.969	142	753814	37.968	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	405610	38.386	ng	98
41) Hexachlorocyclopentadiene	9.022	237	140476	33.969	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	261481	37.864	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	286893	41.019	ng		98
46) 1,1'-Biphenyl	9.334	154	991976	37.617	ng		99
47) 2-Chloronaphthalene	9.357	162	744305	37.868	ng		99
48) 2-Nitroaniline	9.451	65	215813	37.922	ng		96
49) Acenaphthylene	9.775	152	1125155	38.575	ng		100
50) Dimethylphthalate	9.633	163	937767	38.585	ng		100
51) 2,6-Dinitrotoluene	9.692	165	204090	40.331	ng		95
52) Acenaphthene	9.945	154	803778	39.213	ng		100
53) 3-Nitroaniline	9.863	138	194286	37.850	ng		97
54) 2,4-Dinitrophenol	9.969	184	112832	42.593	ng	#	48
55) Dibenzofuran	10.116	168	1109401	37.878	ng		99
56) 4-Nitrophenol	10.016	139	150918	38.987	ng		95
57) 2,4-Dinitrotoluene	10.098	165	267886	40.532	ng		97
58) Fluorene	10.463	166	869463	38.495	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	257133	40.401	ng		97
60) Diethylphthalate	10.328	149	929683	38.362	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	456441	38.762	ng		97
62) 4-Nitroaniline	10.475	138	187806	37.581	ng		96
63) Azobenzene	10.610	77	830289	36.851	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	163306	47.346	ng		98
66) n-Nitrosodiphenylamine	10.569	169	739498	39.496	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	284042	39.090	ng		98
68) Hexachlorobenzene	11.010	284	323290	40.566	ng		94
69) Atrazine	11.092	200	233966	40.762	ng		99
70) Pentachlorophenol	11.198	266	201095	40.954	ng		99
71) Phenanthrene	11.422	178	1188534	38.032	ng		99
72) Anthracene	11.475	178	1195431	38.128	ng		100
73) Carbazole	11.628	167	983300	36.366	ng		100
74) Di-n-butylphthalate	11.957	149	1362507	37.976	ng		99
75) Fluoranthene	12.610	202	1183190	35.692	ng		99
77) Benzidine	12.733	184	130623	30.520	ng		100
78) Pyrene	12.839	202	1152300	43.425	ng		99
80) Butylbenzylphthalate	13.451	149	419411	40.382	ng		99
81) Benzo(a)anthracene	14.027	228	783015	38.898	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	230748	39.666	ng		98
83) Chrysene	14.063	228	693294	37.994	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	543249	37.936	ng		99
85) Di-n-octyl phthalate	14.621	149	771392	38.714	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	681983	33.697	ng		97
88) Benzo(b)fluoranthene	15.074	252	790046	36.845	ng		99
89) Benzo(k)fluoranthene	15.104	252	621193	33.853	ng		99
90) Benzo(a)pyrene	15.445	252	624421	37.217	ng		99
91) Dibenzo(a,h)anthracene	17.015	278	537010	32.159	ng		98
92) Benzo(g,h,i)perylene	17.445	276	536380	32.505	ng		98

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

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