Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031825\
Data File : BF141986.D
Acq On : 18 Mar 2025 10:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 18 11:21:50 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	6.881	152	200429	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	738787	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	404779	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	656489	20.000	ng	0.00
76) Chrysene-d12	14.045	240	423581	20.000	ng	0.00
86) Perylene-d12	15.515	264	442923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	909106	75.701	ng	0.00
7) Phenol-d6	6.510	99	1113971	72.854	ng	0.00
23) Nitrobenzene-d5	7.445	82	1025549	78.120	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	402460	78.373	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2068249	77.707	ng	0.00
79) Terphenyl-d14	12.986	244	2069130	72.220	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	187449	37.252	ng	99
3) Pyridine	3.422	79	459475	37.226	ng	97
4) n-Nitrosodimethylamine	3.375	42	214260	36.416	ng	98
6) Aniline	6.545	93	531108	35.210	ng	99
8) 2-Chlorophenol	6.669	128	493685	37.066	ng	99
9) Benzaldehyde	6.434	77	287856	33.661	ng	99
10) Phenol	6.522	94	582165	36.191	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	429686	35.574	ng	100
12) 1,3-Dichlorobenzene	6.822	146	553496	38.492	ng	99
13) 1,4-Dichlorobenzene	6.898	146	551604	37.914	ng	100
14) 1,2-Dichlorobenzene	7.051	146	516845	37.716	ng	99
15) Benzyl Alcohol	7.022	79	445385	36.030	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	482996	33.122	ng	98
17) 2-Methylphenol	7.128	107	374824	35.394	ng	99
18) Hexachloroethane	7.392	117	204881	37.553	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	326111	33.192	ng	98
20) 3+4-Methylphenols	7.281	107	473000	34.870	ng	98
22) Acetophenone	7.292	105	662001	37.418	ng	99
24) Nitrobenzene	7.463	77	504274	38.639	ng	100
25) Isophorone	7.704	82	837909	36.108	ng	100
26) 2-Nitrophenol	7.781	139	265215	41.405	ng	98
27) 2,4-Dimethylphenol	7.810	122	330795	37.506	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	534309	36.710	ng	100
29) 2,4-Dichlorophenol	8.016	162	420375	38.399	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	480233	39.805	ng	98
31) Naphthalene	8.186	128	1454452	38.325	ng	100
32) Benzoic acid	7.928	122	324807	41.895	ng	97
33) 4-Chloroaniline	8.233	127	498828	37.234	ng	97
34) Hexachlorobutadiene	8.298	225	322471	40.986	ng	99
35) Caprolactam	8.604	113	120360	36.061	ng	92
36) 4-Chloro-3-methylphenol	8.710	107	453675	37.150	ng	98
37) 2-Methylnaphthalene	8.875	142	952409	37.546	ng	100
38) 1-Methylnaphthalene	8.975	142	920289	37.596	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	496252	40.267	ng	99
41) Hexachlorocyclopentadiene	9.028	237	194522	40.332	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	315456	39.167	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	330026	40.458	ng		100
46) 1,1'-Biphenyl	9.339	154	1184016	38.497	ng		99
47) 2-Chloronaphthalene	9.363	162	885839	38.643	ng		100
48) 2-Nitroaniline	9.457	65	252402	38.027	ng		98
49) Acenaphthylene	9.780	152	1310429	38.522	ng		100
50) Dimethylphthalate	9.639	163	1062885	37.497	ng		100
51) 2,6-Dinitrotoluene	9.698	165	230313	39.024	ng		96
52) Acenaphthene	9.951	154	935747	39.142	ng		99
53) 3-Nitroaniline	9.869	138	228599	38.185	ng		98
54) 2,4-Dinitrophenol	9.975	184	125830	41.015	ng	#	50
55) Dibenzofuran	10.122	168	1311220	38.386	ng		99
56) 4-Nitrophenol	10.022	139	178419	39.520	ng		97
57) 2,4-Dinitrotoluene	10.104	165	301789	39.151	ng		97
58) Fluorene	10.469	166	992294	37.669	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	291029	39.207	ng		98
60) Diethylphthalate	10.333	149	1053367	37.269	ng		100
61) 4-Chlorophenyl-phenyle...	10.457	204	526771	38.356	ng		97
62) 4-Nitroaniline	10.480	138	221139	37.942	ng		99
63) Azobenzene	10.616	77	951940	36.226	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	168574	43.074	ng		100
66) n-Nitrosodiphenylamine	10.575	169	842525	39.659	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	332055	40.275	ng		99
68) Hexachlorobenzene	11.016	284	368782	40.783	ng		94
69) Atrazine	11.098	200	221880	34.069	ng		99
70) Pentachlorophenol	11.204	266	235941	42.349	ng		100
71) Phenanthrene	11.427	178	1365675	38.514	ng		99
72) Anthracene	11.480	178	1371511	38.553	ng		99
73) Carbazole	11.633	167	1139310	37.135	ng		100
74) Di-n-butylphthalate	11.963	149	1504625	36.961	ng		99
75) Fluoranthene	12.616	202	1328836	35.328	ng		100
77) Benzidine	12.733	184	345723	58.500	ng		100
78) Pyrene	12.845	202	1310463	35.766	ng		100
80) Butylbenzylphthalate	13.463	149	511817	35.689	ng		97
81) Benzo(a)anthracene	14.033	228	1055282	37.966	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	349244	43.479	ng		98
83) Chrysene	14.068	228	968167	38.426	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	726375	36.735	ng		99
85) Di-n-octyl phthalate	14.633	149	1167717	42.443	ng		99
87) Indeno(1,2,3-cd)pyrene	17.015	276	1169448	40.816	ng		97
88) Benzo(b)fluoranthene	15.086	252	1150357	37.895	ng		99
89) Benzo(k)fluoranthene	15.115	252	850896	32.755	ng		99
90) Benzo(a)pyrene	15.457	252	893373	37.612	ng		99
91) Dibenzo(a,h)anthracene	17.033	278	965934	40.860	ng		99
92) Benzo(g,h,i)perylene	17.468	276	956656	40.951	ng		98

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

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