Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024753.D
Acq On : 22 May 2025 10:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 22 11:19:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.652	152	103714	20.000	ng		-0.01
21) Naphthalene-d8	10.422	136	424752	20.000	ng		-0.01
39) Acenaphthene-d10	14.281	164	258861	20.000	ng		-0.02
64) Phenanthrene-d10	17.075	188	515151	20.000	ng		-0.02
76) Chrysene-d12	21.516	240	613668	20.000	ng		0.00
86) Perylene-d12	24.792	264	759397	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	470842	77.648	ng		0.00
7) Phenol-d6	6.858	99	583849	75.441	ng		0.00
23) Nitrobenzene-d5	8.799	82	625504	74.407	ng		-0.01
42) 2,4,6-Tribromophenol	15.798	330	377255	85.966	ng		-0.01
45) 2-Fluorobiphenyl	12.893	172	1555207	78.711	ng		-0.01
79) Terphenyl-d14	19.804	244	2724263	76.121	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	95313	33.474	ng		97
3) Pyridine	3.617	79	229360	36.327	ng		94
4) n-Nitrosodimethylamine	3.528	42	103907	37.278	ng		92
6) Aniline	6.993	93	370604	37.090	ng		98
8) 2-Chlorophenol	7.234	128	274338	39.853	ng		97
9) Benzaldehyde	6.811	77	179612	35.852	ng		99
10) Phenol	6.881	94	305208	38.210	ng		98
11) bis(2-Chloroethyl)ether	7.087	93	229537	34.972	ng		100
12) 1,3-Dichlorobenzene	7.546	146	301458	38.064	ng		98
13) 1,4-Dichlorobenzene	7.687	146	309636	38.872	ng		100
14) 1,2-Dichlorobenzene	7.999	146	293460	37.809	ng		99
15) Benzyl Alcohol	7.899	79	226557	38.523	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.175	45	272181	34.627	ng		100
17) 2-Methylphenol	8.110	107	214801	37.493	ng		98
18) Hexachloroethane	8.716	117	111981	36.686	ng		96
19) n-Nitroso-di-n-propyla...	8.452	70	185810	34.709	ng		98
20) 3+4-Methylphenols	8.440	107	290065	37.221	ng		97
22) Acetophenone	8.469	105	398506	37.559	ng	#	99
24) Nitrobenzene	8.840	77	269749	36.463	ng		96
25) Isophorone	9.363	82	515648	35.361	ng		98
26) 2-Nitrophenol	9.546	139	151180	41.704	ng		99
27) 2,4-Dimethylphenol	9.616	122	245937	38.480	ng		98
28) bis(2-Chloroethoxy)met...	9.840	93	304970	35.006	ng		99
29) 2,4-Dichlorophenol	10.093	162	244803	39.525	ng		96
30) 1,2,4-Trichlorobenzene	10.287	180	275005	39.402	ng		98
31) Naphthalene	10.469	128	839383	38.135	ng		100
32) Benzoic acid	9.781	122	165369m	38.852	ng		
33) 4-Chloroaniline	10.593	127	348911	39.283	ng		98
34) Hexachlorobutadiene	10.751	225	180166	39.848	ng		97
35) Caprolactam	11.387	113	85017	37.940	ng		98
36) 4-Chloro-3-methylphenol	11.740	107	285718	37.828	ng		99
37) 2-Methylnaphthalene	12.081	142	523458	36.728	ng		99
38) 1-Methylnaphthalene	12.304	142	542501	35.575	ng		100
40) 1,2,4,5-Tetrachloroben...	12.457	216	300547	39.982	ng		99
41) Hexachlorocyclopentadiene	12.434	237	185751	40.752	ng		98
43) 2,4,6-Trichlorophenol	12.710	196	199436	40.962	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	213455	39.385	ng		97
46) 1,1'-Biphenyl	13.104	154	744062	38.890	ng		99
47) 2-Chloronaphthalene	13.151	162	566469	38.831	ng		99
48) 2-Nitroaniline	13.363	65	161474	37.387	ng		94
49) Acenaphthylene	13.998	152	941385	38.561	ng		99
50) Dimethylphthalate	13.745	163	736236	37.315	ng		100
51) 2,6-Dinitrotoluene	13.863	165	159704	38.326	ng		98
52) Acenaphthene	14.345	154	545940	38.899	ng		100
53) 3-Nitroaniline	14.204	138	169506	39.839	ng		95
54) 2,4-Dinitrophenol	14.428	184	91959	38.598	ng		96
55) Dibenzofuran	14.687	168	861722	38.494	ng		99
56) 4-Nitrophenol	14.569	139	154275	43.899	ng		99
57) 2,4-Dinitrotoluene	14.663	165	237293	40.393	ng		97
58) Fluorene	15.345	166	706842	38.724	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.928	232	197601	39.304	ng		96
60) Diethylphthalate	15.122	149	748861	37.552	ng		99
61) 4-Chlorophenyl-phenyle...	15.339	204	352770	38.753	ng		98
62) 4-Nitroaniline	15.392	138	173898m	42.328	ng		
63) Azobenzene	15.639	77	610526	35.788	ng		96
65) 4,6-Dinitro-2-methylph...	15.445	198	135394	40.689	ng		98
66) n-Nitrosodiphenylamine	15.563	169	612621	38.716	ng		98
67) 4-Bromophenyl-phenylether	16.251	248	244008	40.197	ng		98
68) Hexachlorobenzene	16.375	284	310572	40.264	ng		94
69) Atrazine	16.539	200	232866	40.157	ng		99
70) Pentachlorophenol	16.739	266	188824	43.610	ng		99
71) Phenanthrene	17.122	178	1088145	37.997	ng		100
72) Anthracene	17.216	178	1126427	39.094	ng		99
73) Carbazole	17.504	167	1033405	39.626	ng		99
74) Di-n-butylphthalate	18.086	149	1313152	39.153	ng		100
75) Fluoranthene	19.204	202	1308696	39.094	ng		99
77) Benzidine	19.422	184	639743	38.276	ng		99
78) Pyrene	19.586	202	1367365	37.187	ng		99
80) Butylbenzylphthalate	20.539	149	639516	39.107	ng		95
81) Benzo(a)anthracene	21.486	228	1468260	38.104	ng		99
82) 3,3'-Dichlorobenzidine	21.422	252	616258	43.059	ng		100
83) Chrysene	21.563	228	1389328	38.035	ng		100
84) Bis(2-ethylhexyl)phtha...	21.427	149	943050	39.235	ng		99
85) Di-n-octyl phthalate	22.674	149	1624884	41.340	ng		99
87) Indeno(1,2,3-cd)pyrene	28.515	276	2228069	40.189	ng	#	88
88) Benzo(b)fluoranthene	23.763	252	1655614	38.089	ng		99
89) Benzo(k)fluoranthene	23.833	252	1637849	36.568	ng		100
90) Benzo(a)pyrene	24.639	252	1607644	38.510	ng		99
91) Dibenzo(a,h)anthracene	28.586	278	1818555	40.320	ng		99
92) Benzo(g,h,i)perylene	29.686	276	1784700	39.791	ng		97

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

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