Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
Data File : BP024812.D
Acq On : 28 May 2025 12:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 28 14:16:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 28 14:16:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.646	152	152108	20.000	ng		0.00
21) Naphthalene-d8	10.410	136	616359	20.000	ng		0.00
39) Acenaphthene-d10	14.275	164	376356	20.000	ng		0.00
64) Phenanthrene-d10	17.063	188	730024	20.000	ng		0.00
76) Chrysene-d12	21.492	240	824243	20.000	ng		0.00
86) Perylene-d12	24.745	264	990118	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	685872	77.122	ng		0.00
7) Phenol-d6	6.846	99	833780	73.459	ng		0.00
23) Nitrobenzene-d5	8.799	82	892475	73.161	ng		0.00
42) 2,4,6-Tribromophenol	15.786	330	545941	85.566	ng		0.00
45) 2-Fluorobiphenyl	12.881	172	2234494	77.784	ng		0.00
79) Terphenyl-d14	19.786	244	3761243	78.246	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	142129	34.034	ng		98
3) Pyridine	3.616	79	328173	35.441	ng		95
4) n-Nitrosodimethylamine	3.528	42	148581	36.346	ng		94
6) Aniline	6.987	93	520007	35.485	ng		99
8) 2-Chlorophenol	7.222	128	389399	38.570	ng		97
9) Benzaldehyde	6.805	77	243759	33.176	ng		98
10) Phenol	6.875	94	420968	35.935	ng		98
11) bis(2-Chloroethyl)ether	7.081	93	329502	34.230	ng		99
12) 1,3-Dichlorobenzene	7.534	146	440783	37.949	ng		98
13) 1,4-Dichlorobenzene	7.681	146	444169	38.021	ng		100
14) 1,2-Dichlorobenzene	7.993	146	427740	37.576	ng		99
15) Benzyl Alcohol	7.893	79	313443	36.340	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.163	45	388535	33.703	ng		98
17) 2-Methylphenol	8.104	107	306349	36.460	ng		97
18) Hexachloroethane	8.704	117	162120	36.214	ng		97
19) n-Nitroso-di-n-propyla...	8.446	70	256037	32.610	ng		98
20) 3+4-Methylphenols	8.428	107	416744	36.462	ng		100
22) Acetophenone	8.463	105	571614	37.127	ng	#	99
24) Nitrobenzene	8.834	77	385406	35.902	ng		94
25) Isophorone	9.357	82	729549	34.477	ng		96
26) 2-Nitrophenol	9.540	139	219260	41.682	ng		98
27) 2,4-Dimethylphenol	9.610	122	356026	38.388	ng		99
28) bis(2-Chloroethoxy)met...	9.834	93	456456	36.106	ng		98
29) 2,4-Dichlorophenol	10.081	162	357951	39.828	ng		97
30) 1,2,4-Trichlorobenzene	10.275	180	402627	39.754	ng		99
31) Naphthalene	10.463	128	1223077	38.293	ng		100
32) Benzoic acid	9.793	122	218732	36.075	ng		98
33) 4-Chloroaniline	10.581	127	502961	39.023	ng		98
34) Hexachlorobutadiene	10.740	225	264803	40.360	ng		98
35) Caprolactam	11.387	113	114467	35.202	ng		100
36) 4-Chloro-3-methylphenol	11.728	107	398589	36.367	ng		97
37) 2-Methylnaphthalene	12.075	142	769597	37.212	ng		99
38) 1-Methylnaphthalene	12.292	142	809632	36.587	ng		100
40) 1,2,4,5-Tetrachloroben...	12.445	216	450341	41.206	ng		100
41) Hexachlorocyclopentadiene	12.422	237	373640	56.382	ng		97
43) 2,4,6-Trichlorophenol	12.704	196	286769	40.511	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.792	196	311320	39.510	ng		95
46) 1,1'-Biphenyl	13.098	154	1087036	39.078	ng		99
47) 2-Chloronaphthalene	13.139	162	837383	39.481	ng		99
48) 2-Nitroaniline	13.357	65	227717	36.265	ng		95
49) Acenaphthylene	13.992	152	1370660	38.617	ng		99
50) Dimethylphthalate	13.734	163	1060240	36.960	ng		99
51) 2,6-Dinitrotoluene	13.857	165	231081	38.143	ng		97
52) Acenaphthene	14.339	154	778525	38.154	ng		99
53) 3-Nitroaniline	14.198	138	238243	38.513	ng		93
54) 2,4-Dinitrophenol	14.416	184	130127	37.738	ng		96
55) Dibenzofuran	14.675	168	1255896	38.587	ng		98
56) 4-Nitrophenol	14.557	139	228872	44.708	ng		97
57) 2,4-Dinitrotoluene	14.657	165	336981	39.454	ng		96
58) Fluorene	15.333	166	1021014	38.473	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.916	232	294891	40.343	ng		95
60) Diethylphthalate	15.110	149	1067197	36.808	ng		98
61) 4-Chlorophenyl-phenyle...	15.328	204	524054	39.596	ng		98
62) 4-Nitroaniline	15.375	138	244262m	40.894	ng		
63) Azobenzene	15.628	77	858864	34.628	ng		94
65) 4,6-Dinitro-2-methylph...	15.433	198	190445	40.387	ng		98
66) n-Nitrosodiphenylamine	15.551	169	889467	39.667	ng		99
67) 4-Bromophenyl-phenylether	16.239	248	354832	41.249	ng		97
68) Hexachlorobenzene	16.357	284	446709	40.867	ng		93
69) Atrazine	16.528	200	324348	39.470	ng		100
70) Pentachlorophenol	16.722	266	268083	43.691	ng		99
71) Phenanthrene	17.110	178	1551629	38.233	ng		100
72) Anthracene	17.204	178	1599772	39.180	ng		100
73) Carbazole	17.492	167	1437905	38.908	ng		99
74) Di-n-butylphthalate	18.063	149	1803843	37.953	ng		99
75) Fluoranthene	19.198	202	1826911	38.511	ng		98
77) Benzidine	19.404	184	832461	37.082	ng		100
78) Pyrene	19.569	202	1866906	37.802	ng		100
80) Butylbenzylphthalate	20.521	149	853121	38.841	ng		94
81) Benzo(a)anthracene	21.474	228	2003063	38.703	ng		99
82) 3,3'-Dichlorobenzidine	21.404	252	811392	42.209	ng		98
83) Chrysene	21.539	228	1860065	37.913	ng		100
84) Bis(2-ethylhexyl)phtha...	21.410	149	1266337	39.225	ng		98
85) Di-n-octyl phthalate	22.645	149	2062367	39.065	ng		99
87) Indeno(1,2,3-cd)pyrene	28.439	276	2841102	39.305	ng	#	92
88) Benzo(b)fluoranthene	23.721	252	2169780	38.286	ng		99
89) Benzo(k)fluoranthene	23.798	252	2220741	38.028	ng		99
90) Benzo(a)pyrene	24.598	252	2087408	38.351	ng		98
91) Dibenzo(a,h)anthracene	28.521	278	2330920	39.638	ng		99
92) Benzo(g,h,i)perylene	29.592	276	2276632	38.931	ng		98

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

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