Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024651.D
Acq On : 16 May 2025 10:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 16 11:41:52 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	7.657	152	118329	20.000	ng		0.00
21) Naphthalene-d8	10.428	136	478267	20.000	ng		0.00
39) Acenaphthene-d10	14.292	164	294926	20.000	ng		-0.01
64) Phenanthrene-d10	17.092	188	598372	20.000	ng		0.00
76) Chrysene-d12	21.521	240	737536	20.000	ng		0.00
86) Perylene-d12	24.809	264	900629	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	548974	79.351	ng		0.00
7) Phenol-d6	6.852	99	683450	77.404	ng		0.00
23) Nitrobenzene-d5	8.810	82	728876	77.002	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	396826	79.368	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	1730726	76.883	ng		0.00
79) Terphenyl-d14	19.816	244	3152813	73.300	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	117515	36.174	ng		98
3) Pyridine	3.622	79	280752	38.975	ng		98
4) n-Nitrosodimethylamine	3.534	42	116978	36.784	ng		96
6) Aniline	6.999	93	432388	37.929	ng		99
8) 2-Chlorophenol	7.234	128	309148	39.363	ng		99
9) Benzaldehyde	6.816	77	218072	38.153	ng		98
10) Phenol	6.881	94	351394	38.558	ng		98
11) bis(2-Chloroethyl)ether	7.093	93	269705	36.016	ng		99
12) 1,3-Dichlorobenzene	7.552	146	341277	37.769	ng		98
13) 1,4-Dichlorobenzene	7.693	146	346067	38.080	ng		99
14) 1,2-Dichlorobenzene	8.010	146	333086	37.613	ng		100
15) Benzyl Alcohol	7.904	79	258691	38.554	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	317027	35.351	ng		99
17) 2-Methylphenol	8.110	107	247572	37.876	ng		97
18) Hexachloroethane	8.722	117	127737	36.679	ng		98
19) n-Nitroso-di-n-propyla...	8.457	70	218714	35.809	ng		98
20) 3+4-Methylphenols	8.434	107	336836	37.884	ng		99
22) Acetophenone	8.475	105	462004	38.672	ng	#	98
24) Nitrobenzene	8.846	77	317818	38.154	ng		97
25) Isophorone	9.369	82	608837	37.080	ng		99
26) 2-Nitrophenol	9.551	139	171567	42.032	ng		100
27) 2,4-Dimethylphenol	9.622	122	285016	39.604	ng		99
28) bis(2-Chloroethoxy)met...	9.846	93	364258	37.133	ng		99
29) 2,4-Dichlorophenol	10.093	162	277368	39.772	ng		97
30) 1,2,4-Trichlorobenzene	10.298	180	304446	38.739	ng		99
31) Naphthalene	10.475	128	957591	38.637	ng		99
32) Benzoic acid	9.769	122	186970	38.981	ng		98
33) 4-Chloroaniline	10.598	127	401035	40.099	ng		99
34) Hexachlorobutadiene	10.757	225	193859	38.079	ng		100
35) Caprolactam	11.381	113	102630	40.675	ng		95
36) 4-Chloro-3-methylphenol	11.734	107	325528	38.277	ng		99
37) 2-Methylnaphthalene	12.092	142	600991	37.449	ng		99
38) 1-Methylnaphthalene	12.316	142	636986	37.097	ng		99
40) 1,2,4,5-Tetrachloroben...	12.463	216	337212	39.374	ng		99
41) Hexachlorocyclopentadiene	12.440	237	217577	41.897	ng		96
43) 2,4,6-Trichlorophenol	12.716	196	230402	41.535	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	253105	40.990	ng		96
46) 1,1'-Biphenyl	13.116	154	841088	38.585	ng		99
47) 2-Chloronaphthalene	13.157	162	645690	38.849	ng		99
48) 2-Nitroaniline	13.369	65	191672	38.952	ng		97
49) Acenaphthylene	14.010	152	1080697	38.854	ng		100
50) Dimethylphthalate	13.751	163	829879	36.917	ng		100
51) 2,6-Dinitrotoluene	13.875	165	183755	38.705	ng		98
52) Acenaphthene	14.357	154	609504	38.118	ng		100
53) 3-Nitroaniline	14.210	138	197673	40.778	ng		99
54) 2,4-Dinitrophenol	14.428	184	108828	39.845	ng		97
55) Dibenzofuran	14.698	168	983006	38.542	ng		98
56) 4-Nitrophenol	14.557	139	149992	38.082	ng		95
57) 2,4-Dinitrotoluene	14.669	165	272203	40.669	ng		99
58) Fluorene	15.357	166	809354	38.918	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.939	232	231582	40.430	ng		96
60) Diethylphthalate	15.134	149	859010	37.808	ng		99
61) 4-Chlorophenyl-phenyle...	15.351	204	390618	37.663	ng		100
62) 4-Nitroaniline	15.398	138	211739	45.237	ng		96
63) Azobenzene	15.651	77	741176	38.133	ng		99
65) 4,6-Dinitro-2-methylph...	15.457	198	158051	40.892	ng		96
66) n-Nitrosodiphenylamine	15.575	169	709766	38.617	ng		99
67) 4-Bromophenyl-phenylether	16.263	248	264979	37.581	ng		97
68) Hexachlorobenzene	16.386	284	339807	37.927	ng		96
69) Atrazine	16.551	200	268043	39.795	ng		99
70) Pentachlorophenol	16.745	266	209468	41.649	ng		99
71) Phenanthrene	17.133	178	1274777	38.323	ng		100
72) Anthracene	17.227	178	1303093	38.936	ng		100
73) Carbazole	17.510	167	1254201	41.404	ng		100
74) Di-n-butylphthalate	18.104	149	1531129	39.303	ng		99
75) Fluoranthene	19.222	202	1564352	40.231	ng		99
77) Benzidine	19.422	184	897447	44.677	ng		100
78) Pyrene	19.598	202	1646532	37.259	ng		100
80) Butylbenzylphthalate	20.551	149	772796	39.320	ng		94
81) Benzo(a)anthracene	21.498	228	1798025	38.825	ng		99
82) 3,3'-Dichlorobenzidine	21.433	252	743162	43.205	ng		100
83) Chrysene	21.568	228	1670912	38.061	ng		100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1103345	38.194	ng		99
85) Di-n-octyl phthalate	22.686	149	1915915	40.558	ng		100
87) Indeno(1,2,3-cd)pyrene	28.527	276	2595773	39.479	ng	#	91
88) Benzo(b)fluoranthene	23.751	252	1960044	38.022	ng		99
89) Benzo(k)fluoranthene	23.833	252	2028864	38.194	ng		99
90) Benzo(a)pyrene	24.645	252	1919915	38.778	ng		99
91) Dibenzo(a,h)anthracene	28.597	278	2105124	39.355	ng		99
92) Benzo(g,h,i)perylene	29.680	276	2069354	38.902	ng		99

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

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