Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024634.D
Acq On : 15 May 2025 12:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 15 13:40:47 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	7.658	152	130531	20.000	ng		0.00
21) Naphthalene-d8	10.428	136	590490	20.000	ng		0.00
39) Acenaphthene-d10	14.304	164	383835	20.000	ng		0.00
64) Phenanthrene-d10	17.092	188	784999	20.000	ng		0.00
76) Chrysene-d12	21.527	240	868702	20.000	ng		0.00
86) Perylene-d12	24.810	264	1013038	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	580986	76.128	ng		0.00
7) Phenol-d6	6.852	99	717060	73.619	ng		0.00
23) Nitrobenzene-d5	8.810	82	892817	76.396	ng		0.00
42) 2,4,6-Tribromophenol	15.822	330	513475	78.910	ng		0.01
45) 2-Fluorobiphenyl	12.910	172	2220308	75.785	ng		0.00
79) Terphenyl-d14	19.810	244	3838058	75.758	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	126825	35.390	ng		99
3) Pyridine	3.617	79	309533	38.953	ng		98
4) n-Nitrosodimethylamine	3.528	42	131408	37.459	ng		98
6) Aniline	6.999	93	472339	37.560	ng		98
8) 2-Chlorophenol	7.234	128	338313	39.050	ng		100
9) Benzaldehyde	6.816	77	222724	35.324	ng		99
10) Phenol	6.875	94	369494	36.754	ng		98
11) bis(2-Chloroethyl)ether	7.093	93	304974	36.919	ng		99
12) 1,3-Dichlorobenzene	7.546	146	371299	37.251	ng		99
13) 1,4-Dichlorobenzene	7.693	146	380641	37.969	ng		100
14) 1,2-Dichlorobenzene	8.005	146	372600	38.142	ng		99
15) Benzyl Alcohol	7.899	79	304110	41.086	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.175	45	378904	38.301	ng		99
17) 2-Methylphenol	8.105	107	290282	40.259	ng		99
18) Hexachloroethane	8.722	117	142958	37.212	ng		98
19) n-Nitroso-di-n-propyla...	8.457	70	275040	40.821	ng		98
20) 3+4-Methylphenols	8.428	107	403026	41.091	ng		99
22) Acetophenone	8.475	105	568570	38.547	ng	#	99
24) Nitrobenzene	8.852	77	391069	38.025	ng		98
25) Isophorone	9.369	82	781808	38.566	ng		100
26) 2-Nitrophenol	9.552	139	201188	39.922	ng		96
27) 2,4-Dimethylphenol	9.616	122	349423	39.326	ng		99
28) bis(2-Chloroethoxy)met...	9.846	93	459409	37.932	ng		100
29) 2,4-Dichlorophenol	10.093	162	344404	39.999	ng		98
30) 1,2,4-Trichlorobenzene	10.293	180	360510	37.155	ng		99
31) Naphthalene	10.475	128	1161179	37.947	ng		99
32) Benzoic acid	9.775	122	231732	39.103	ng		95
33) 4-Chloroaniline	10.593	127	501792	40.638	ng		99
34) Hexachlorobutadiene	10.757	225	232067	36.920	ng		96
35) Caprolactam	11.387	113	130047	41.746	ng		100
36) 4-Chloro-3-methylphenol	11.734	107	420092	40.008	ng		100
37) 2-Methylnaphthalene	12.093	142	763297	38.524	ng		100
38) 1-Methylnaphthalene	12.316	142	805636	38.002	ng		99
40) 1,2,4,5-Tetrachloroben...	12.463	216	427810	38.382	ng		100
41) Hexachlorocyclopentadiene	12.440	237	285304	42.213	ng		98
43) 2,4,6-Trichlorophenol	12.716	196	297629	41.226	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	315927	39.313	ng		97
46) 1,1'-Biphenyl	13.116	154	1068131	37.651	ng		100
47) 2-Chloronaphthalene	13.157	162	820417	37.928	ng		99
48) 2-Nitroaniline	13.369	65	258312	40.335	ng		98
49) Acenaphthylene	14.022	152	1390232	38.405	ng		100
50) Dimethylphthalate	13.757	163	1099800	37.592	ng		100
51) 2,6-Dinitrotoluene	13.875	165	240434	38.913	ng		98
52) Acenaphthene	14.363	154	787414	37.838	ng		100
53) 3-Nitroaniline	14.210	138	258701	41.006	ng		100
54) 2,4-Dinitrophenol	14.428	184	130453	37.204	ng		99
55) Dibenzofuran	14.710	168	1273526	38.367	ng		98
56) 4-Nitrophenol	14.545	139	199455	38.819	ng		98
57) 2,4-Dinitrotoluene	14.681	165	347771	39.924	ng		98
58) Fluorene	15.369	166	1040858	38.456	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.945	232	294291	39.477	ng		100
60) Diethylphthalate	15.134	149	1133709	38.341	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	515911	38.222	ng		99
62) 4-Nitroaniline	15.404	138	259097	42.533	ng		98
63) Azobenzene	15.657	77	984323	38.912	ng		99
65) 4,6-Dinitro-2-methylph...	15.463	198	198484	39.144	ng		99
66) n-Nitrosodiphenylamine	15.581	169	922739	38.269	ng		99
67) 4-Bromophenyl-phenylether	16.275	248	352534	38.112	ng		100
68) Hexachlorobenzene	16.392	284	444096	37.783	ng		98
69) Atrazine	16.563	200	338512	38.309	ng		99
70) Pentachlorophenol	16.745	266	282553	42.824	ng		99
71) Phenanthrene	17.134	178	1646955	37.740	ng		99
72) Anthracene	17.233	178	1652621	37.640	ng		100
73) Carbazole	17.516	167	1556303	39.163	ng		99
74) Di-n-butylphthalate	18.104	149	1996950	39.073	ng		100
75) Fluoranthene	19.222	202	1938125	37.994	ng		100
77) Benzidine	19.422	184	1000272	42.277	ng		99
78) Pyrene	19.598	202	2024361	38.892	ng		100
80) Butylbenzylphthalate	20.545	149	923140	39.878	ng		96
81) Benzo(a)anthracene	21.504	228	2081406	38.158	ng		99
82) 3,3'-Dichlorobenzidine	21.427	252	852276	42.067	ng		100
83) Chrysene	21.569	228	1972026	38.138	ng		99
84) Bis(2-ethylhexyl)phtha...	21.445	149	1357083	39.885	ng		100
85) Di-n-octyl phthalate	22.704	149	2276070	40.907	ng		100
87) Indeno(1,2,3-cd)pyrene	28.539	276	2869776	38.803	ng	#	91
88) Benzo(b)fluoranthene	23.780	252	2243754	38.696	ng		98
89) Benzo(k)fluoranthene	23.845	252	2270811	38.006	ng		100
90) Benzo(a)pyrene	24.663	252	2156788	38.729	ng		99
91) Dibenzo(a,h)anthracene	28.598	278	2335393	38.815	ng		98
92) Benzo(g,h,i)perylene	29.686	276	2325227	38.862	ng		99

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

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