Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024686.D
Acq On : 19 May 2025 12:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 19 14:38:00 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	148955	20.000	ng		0.00
21) Naphthalene-d8	10.428	136	651543	20.000	ng		0.00
39) Acenaphthene-d10	14.292	164	426043	20.000	ng		-0.01
64) Phenanthrene-d10	17.092	188	875686	20.000	ng		0.00
76) Chrysene-d12	21.527	240	872281	20.000	ng		0.00
86) Perylene-d12	24.810	264	779874	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	685452	78.707	ng		0.00
7) Phenol-d6	6.863	99	889072	79.989	ng		0.01
23) Nitrobenzene-d5	8.805	82	966184	74.927	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	596739	82.620	ng		0.00
45) 2-Fluorobiphenyl	12.898	172	2507287	77.102	ng		0.00
79) Terphenyl-d14	19.816	244	4391709	86.330	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	145677	35.623	ng		98
3) Pyridine	3.617	79	350313	38.632	ng		96
4) n-Nitrosodimethylamine	3.534	42	148599	37.120	ng		99
6) Aniline	6.999	93	555852	38.734	ng		99
8) 2-Chlorophenol	7.240	128	396752	40.131	ng		98
9) Benzaldehyde	6.811	77	276033	38.364	ng		99
10) Phenol	6.887	94	451200	39.330	ng		98
11) bis(2-Chloroethyl)ether	7.093	93	353209	37.469	ng		97
12) 1,3-Dichlorobenzene	7.546	146	435566	38.293	ng		99
13) 1,4-Dichlorobenzene	7.687	146	445903	38.977	ng		99
14) 1,2-Dichlorobenzene	8.005	146	427894	38.385	ng		100
15) Benzyl Alcohol	7.905	79	339203	40.159	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	421083	37.300	ng		98
17) 2-Methylphenol	8.116	107	329222	40.012	ng		98
18) Hexachloroethane	8.722	117	162073	36.970	ng		97
19) n-Nitroso-di-n-propyla...	8.457	70	296114	38.513	ng		99
20) 3+4-Methylphenols	8.446	107	446406	39.884	ng		99
22) Acetophenone	8.475	105	618238	37.987	ng	#	98
24) Nitrobenzene	8.846	77	425179	37.468	ng		96
25) Isophorone	9.369	82	842538	37.667	ng		99
26) 2-Nitrophenol	9.552	139	235757	42.398	ng		99
27) 2,4-Dimethylphenol	9.628	122	395068	40.297	ng		99
28) bis(2-Chloroethoxy)met...	9.846	93	497670	37.241	ng		99
29) 2,4-Dichlorophenol	10.104	162	383741	40.391	ng		97
30) 1,2,4-Trichlorobenzene	10.293	180	412457	38.526	ng		97
31) Naphthalene	10.475	128	1289180	38.183	ng		100
32) Benzoic acid	9.799	122	238678	36.998	ng		94
33) 4-Chloroaniline	10.599	127	554976	40.734	ng		99
34) Hexachlorobutadiene	10.757	225	264931	38.199	ng		97
35) Caprolactam	11.399	113	141941	41.294	ng		96
36) 4-Chloro-3-methylphenol	11.751	107	458991	39.617	ng		99
37) 2-Methylnaphthalene	12.087	142	844620	38.634	ng		98
38) 1-Methylnaphthalene	12.310	142	897341	38.361	ng		100
40) 1,2,4,5-Tetrachloroben...	12.469	216	483050	39.044	ng		100
41) Hexachlorocyclopentadiene	12.446	237	446152	59.472	ng		98
43) 2,4,6-Trichlorophenol	12.716	196	331738	41.398	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	358296	40.168	ng		97
46) 1,1'-Biphenyl	13.110	154	1212140	38.494	ng		99
47) 2-Chloronaphthalene	13.157	162	936591	39.009	ng		100
48) 2-Nitroaniline	13.369	65	281236	39.564	ng		96
49) Acenaphthylene	14.010	152	1546043	38.478	ng		99
50) Dimethylphthalate	13.751	163	1219478	37.553	ng		100
51) 2,6-Dinitrotoluene	13.869	165	267422	38.993	ng		100
52) Acenaphthene	14.363	154	880942	38.138	ng		99
53) 3-Nitroaniline	14.210	138	284551	40.635	ng		99
54) 2,4-Dinitrophenol	14.434	184	147319	37.740	ng		96
55) Dibenzofuran	14.704	168	1412131	38.328	ng		98
56) 4-Nitrophenol	14.592	139	186704	33.400	ng		98
57) 2,4-Dinitrotoluene	14.675	165	396402	40.998	ng		95
58) Fluorene	15.363	166	1192750	39.702	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.945	232	330705	39.967	ng		97
60) Diethylphthalate	15.134	149	1273676	38.807	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	589348	39.337	ng		98
62) 4-Nitroaniline	15.398	138	291885	43.168	ng		99
63) Azobenzene	15.657	77	1043623	37.169	ng		96
65) 4,6-Dinitro-2-methylph...	15.451	198	231347	40.900	ng		99
66) n-Nitrosodiphenylamine	15.581	169	1025110	38.112	ng		99
67) 4-Bromophenyl-phenylether	16.269	248	404396	39.191	ng		98
68) Hexachlorobenzene	16.386	284	516422	39.386	ng		96
69) Atrazine	16.551	200	390518	39.617	ng		99
70) Pentachlorophenol	16.751	266	287810	39.104	ng		98
71) Phenanthrene	17.139	178	1834222	37.679	ng		100
72) Anthracene	17.228	178	1898802	38.768	ng		100
73) Carbazole	17.522	167	1742661	39.311	ng		99
74) Di-n-butylphthalate	18.092	149	2200144	38.591	ng		99
75) Fluoranthene	19.222	202	2164114	38.031	ng		99
77) Benzidine	19.427	184	1039374	43.749	ng		100
78) Pyrene	19.598	202	2200729	42.107	ng		100
80) Butylbenzylphthalate	20.545	149	994991	42.806	ng		97
81) Benzo(a)anthracene	21.510	228	2152203	39.294	ng		100
82) 3,3'-Dichlorobenzidine	21.427	252	793072	38.984	ng		100
83) Chrysene	21.580	228	2005387	38.624	ng		100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1380988	40.421	ng		100
85) Di-n-octyl phthalate	22.692	149	2024055	36.228	ng		99
87) Indeno(1,2,3-cd)pyrene	28.527	276	2231204	39.188	ng	#	92
88) Benzo(b)fluoranthene	23.768	252	1819580	40.762	ng		99
89) Benzo(k)fluoranthene	23.839	252	1877708	40.822	ng		100
90) Benzo(a)pyrene	24.651	252	1703325	39.731	ng		99
91) Dibenzo(a,h)anthracene	28.592	278	1814035	39.164	ng		99
92) Benzo(g,h,i)perylene	29.680	276	1801944	39.120	ng		99

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

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