Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024743.D
Acq On : 21 May 2025 18:55
Operator : RC/JU
Sample : Q2052-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-BMSD

Quant Time: May 22 03:03:08 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	107891	20.000	ng		-0.01
21) Naphthalene-d8	10.422	136	416808	20.000	ng		-0.01
39) Acenaphthene-d10	14.287	164	277834	20.000	ng		-0.02
64) Phenanthrene-d10	17.087	188	578541	20.000	ng		-0.01
76) Chrysene-d12	21.522	240	665040	20.000	ng		0.00
86) Perylene-d12	24.780	264	753592	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	780450	123.723	ng		0.00
7) Phenol-d6	6.858	99	878585	109.130	ng		0.00
23) Nitrobenzene-d5	8.805	82	614381	74.477	ng		0.00
42) 2,4,6-Tribromophenol	15.804	330	753677	160.013	ng		0.00
45) 2-Fluorobiphenyl	12.893	172	1555986	73.372	ng		-0.01
79) Terphenyl-d14	19.810	244	3284120	84.676	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	106286	35.882	ng	#	62
3) Pyridine	3.634	79	233039	35.481	ng		97
4) n-Nitrosodimethylamine	3.540	42	122727	42.325	ng		91
6) Aniline	6.999	93	212066	20.402	ng		99
8) 2-Chlorophenol	7.234	128	340757	47.585	ng		98
9) Benzaldehyde	6.816	77	139211	26.712	ng		97
10) Phenol	6.887	94	325721	39.199	ng		98
11) bis(2-Chloroethyl)ether	7.087	93	273520	40.059	ng		98
12) 1,3-Dichlorobenzene	7.540	146	324854	39.430	ng		99
13) 1,4-Dichlorobenzene	7.687	146	332799	40.163	ng		99
14) 1,2-Dichlorobenzene	7.999	146	322828	39.982	ng		99
15) Benzyl Alcohol	7.905	79	288559	47.166	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.169	45	300480	36.747	ng		98
17) 2-Methylphenol	8.116	107	260764	43.754	ng		97
18) Hexachloroethane	8.716	117	117674	37.058	ng		97
19) n-Nitroso-di-n-propyla...	8.452	70	208643	37.465	ng		94
20) 3+4-Methylphenols	8.440	107	347195	42.827	ng		98
22) Acetophenone	8.469	105	470213	45.162	ng	#	98
24) Nitrobenzene	8.846	77	338360	46.609	ng		93
25) Isophorone	9.363	82	615123	42.987	ng		97
26) 2-Nitrophenol	9.552	139	182463	51.293	ng		95
27) 2,4-Dimethylphenol	9.622	122	312967	49.901	ng		99
28) bis(2-Chloroethoxy)met...	9.840	93	366804	42.906	ng		98
29) 2,4-Dichlorophenol	10.099	162	324036	53.315	ng		97
30) 1,2,4-Trichlorobenzene	10.287	180	319839	46.699	ng		97
31) Naphthalene	10.469	128	982912	45.506	ng		99
32) Benzoic acid	9.787	122	123939	31.438	ng		94
33) 4-Chloroaniline	10.599	127	104421	11.980	ng		97
34) Hexachlorobutadiene	10.752	225	210478	47.439	ng		95
35) Caprolactam	11.399	113	89444	40.676	ng		97
36) 4-Chloro-3-methylphenol	11.740	107	372392	50.243	ng		98
37) 2-Methylnaphthalene	12.087	142	643136	45.985	ng		98
38) 1-Methylnaphthalene	12.310	142	695468	46.475	ng		99
40) 1,2,4,5-Tetrachloroben...	12.457	216	388937	48.208	ng		99
41) Hexachlorocyclopentadiene	12.434	237	467997	95.663	ng		96
43) 2,4,6-Trichlorophenol	12.710	196	277249	53.055	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.799	196	305923	52.592	ng		97
46) 1,1'-Biphenyl	13.104	154	973088	47.387	ng		99
47) 2-Chloronaphthalene	13.146	162	738807	47.186	ng		100
48) 2-Nitroaniline	13.369	65	200663	43.288	ng		93
49) Acenaphthylene	14.004	152	1257136	47.978	ng		99
50) Dimethylphthalate	13.746	163	1038334	49.032	ng		100
51) 2,6-Dinitrotoluene	13.863	165	227381	50.841	ng		99
52) Acenaphthene	14.351	154	736802	48.914	ng		100
53) 3-Nitroaniline	14.204	138	109507	23.980	ng		94
54) 2,4-Dinitrophenol	14.428	184	130675	49.029	ng		97
55) Dibenzofuran	14.687	168	1171047	48.739	ng		99
56) 4-Nitrophenol	14.563	139	329634	83.198	ng		97
57) 2,4-Dinitrotoluene	14.669	165	340682	54.032	ng		99
58) Fluorene	15.351	166	987782	50.419	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.940	232	293036	54.306	ng		97
60) Diethylphthalate	15.128	149	1087030	50.788	ng		98
61) 4-Chlorophenyl-phenyle...	15.345	204	498490	51.021	ng		99
62) 4-Nitroaniline	15.387	138	180175	40.861	ng		97
63) Azobenzene	15.645	77	843471	46.066	ng		95
65) 4,6-Dinitro-2-methylph...	15.451	198	130601	34.948	ng		97
66) n-Nitrosodiphenylamine	15.569	169	870549	48.988	ng		98
67) 4-Bromophenyl-phenylether	16.257	248	345211	50.638	ng		98
68) Hexachlorobenzene	16.375	284	440584	50.861	ng		98
69) Atrazine	16.557	200	339678	52.159	ng		99
70) Pentachlorophenol	16.740	266	537629	110.562	ng		99
71) Phenanthrene	17.134	178	1568514	48.769	ng		100
72) Anthracene	17.228	178	1584418	48.965	ng		100
73) Carbazole	17.516	167	1472840	50.289	ng		100
74) Di-n-butylphthalate	18.092	149	1888032	50.125	ng		99
75) Fluoranthene	19.216	202	1900395	50.549	ng		99
77) Benzidine	19.428	184	269423	14.875	ng		99
78) Pyrene	19.592	202	1961291	49.220	ng		100
80) Butylbenzylphthalate	20.539	149	893086	50.394	ng		96
81) Benzo(a)anthracene	21.498	228	2061105	49.357	ng		99
82) 3,3'-Dichlorobenzidine	21.416	252	404516	26.081	ng		99
83) Chrysene	21.563	228	1905852	48.145	ng		100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1279828	49.133	ng		99
85) Di-n-octyl phthalate	22.680	149	2157546	50.652	ng		99
87) Indeno(1,2,3-cd)pyrene	28.504	276	2863218	52.043	ng	#	90
88) Benzo(b)fluoranthene	23.757	252	2226192	51.611	ng		99
89) Benzo(k)fluoranthene	23.821	252	2189129	49.252	ng		99
90) Benzo(a)pyrene	24.633	252	2084687	50.322	ng		99
91) Dibenzo(a,h)anthracene	28.574	278	2350545	52.517	ng		99
92) Benzo(g,h,i)perylene	29.656	276	2301511	51.709	ng		97

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

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