Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024756.D
Acq On : 22 May 2025 12:58
Operator : RC/JU
Sample : PB168098BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Quant Time: May 22 13:25:32 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	126327	20.000	ng		-0.01
21) Naphthalene-d8	10.416	136	523024	20.000	ng		-0.02
39) Acenaphthene-d10	14.287	164	338733	20.000	ng		-0.02
64) Phenanthrene-d10	17.092	188	686645	20.000	ng		0.00
76) Chrysene-d12	21.510	240	768545	20.000	ng		-0.01
86) Perylene-d12	24.786	264	835982	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	1006990	136.339	ng		0.00
7) Phenol-d6	6.858	99	1245584	132.137	ng		0.00
23) Nitrobenzene-d5	8.805	82	764802	73.883	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	848083	147.685	ng		0.00
45) 2-Fluorobiphenyl	12.899	172	1985294	76.786	ng		0.00
79) Terphenyl-d14	19.816	244	3652739	81.496	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.223	88	107291	30.935	ng		98
3) Pyridine	3.617	79	272244	35.401	ng		97
4) n-Nitrosodimethylamine	3.528	42	142518	41.978	ng		95
6) Aniline	6.993	93	278550	22.887	ng		99
8) 2-Chlorophenol	7.234	128	400340	47.747	ng		99
9) Benzaldehyde	6.811	77	221040	36.224	ng		97
10) Phenol	6.881	94	447784	46.024	ng		98
11) bis(2-Chloroethyl)ether	7.087	93	321348	40.196	ng		99
12) 1,3-Dichlorobenzene	7.546	146	411266	42.633	ng		98
13) 1,4-Dichlorobenzene	7.687	146	421327	43.426	ng		98
14) 1,2-Dichlorobenzene	7.999	146	408503	43.209	ng		99
15) Benzyl Alcohol	7.899	79	325668	45.463	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	379444	39.632	ng		99
17) 2-Methylphenol	8.111	107	324116	46.447	ng		98
18) Hexachloroethane	8.716	117	154783	41.631	ng		98
19) n-Nitroso-di-n-propyla...	8.452	70	254858	39.085	ng		96
20) 3+4-Methylphenols	8.440	107	431650	45.474	ng		98
22) Acetophenone	8.469	105	553115	42.336	ng	#	99
24) Nitrobenzene	8.846	77	382330	41.971	ng		94
25) Isophorone	9.369	82	732635	40.802	ng		97
26) 2-Nitrophenol	9.546	139	218042	48.847	ng		98
27) 2,4-Dimethylphenol	9.622	122	369301	46.925	ng		100
28) bis(2-Chloroethoxy)met...	9.840	93	441817	41.185	ng		99
29) 2,4-Dichlorophenol	10.093	162	375212	49.198	ng		97
30) 1,2,4-Trichlorobenzene	10.287	180	383813	44.659	ng		98
31) Naphthalene	10.469	128	1176453	43.406	ng		100
32) Benzoic acid	9.810	122	270871m	49.215	ng		
33) 4-Chloroaniline	10.605	127	165916	15.170	ng		99
34) Hexachlorobutadiene	10.752	225	250650	45.021	ng		96
35) Caprolactam	11.387	113	126254	45.756	ng		98
36) 4-Chloro-3-methylphenol	11.740	107	436668	46.951	ng		99
37) 2-Methylnaphthalene	12.081	142	753865	42.956	ng		99
38) 1-Methylnaphthalene	12.304	142	807085	42.981	ng		100
40) 1,2,4,5-Tetrachloroben...	12.463	216	446029	45.345	ng		100
41) Hexachlorocyclopentadiene	12.434	237	507943	85.162	ng		97
43) 2,4,6-Trichlorophenol	12.710	196	314461	49.357	ng		99

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	349258	49.247	ng		96
46) 1,1'-Biphenyl	13.104	154	1090713	43.566	ng		99
47) 2-Chloronaphthalene	13.152	162	833303	43.653	ng		99
48) 2-Nitroaniline	13.363	65	249151	44.085	ng		96
49) Acenaphthylene	14.004	152	1391550	43.560	ng		99
50) Dimethylphthalate	13.746	163	1142952	44.269	ng		100
51) 2,6-Dinitrotoluene	13.869	165	247920	45.467	ng		99
52) Acenaphthene	14.351	154	799545	43.536	ng		99
53) 3-Nitroaniline	14.210	138	117478	21.100	ng		96
54) 2,4-Dinitrophenol	14.422	184	322278	92.631	ng		96
55) Dibenzofuran	14.693	168	1288076	43.972	ng		100
56) 4-Nitrophenol	14.563	139	402969	83.411	ng		97
57) 2,4-Dinitrotoluene	14.669	165	365228	47.511	ng		97
58) Fluorene	15.351	166	1071652	44.866	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	317896	48.321	ng		98
60) Diethylphthalate	15.128	149	1184185	45.380	ng		99
61) 4-Chlorophenyl-phenyle...	15.345	204	547042	45.924	ng		100
62) 4-Nitroaniline	15.393	138	254227m	47.290	ng		
63) Azobenzene	15.645	77	949950	42.554	ng		95
65) 4,6-Dinitro-2-methylph...	15.451	198	218741	49.318	ng		97
66) n-Nitrosodiphenylamine	15.569	169	961369	45.582	ng		99
67) 4-Bromophenyl-phenylether	16.257	248	378264	46.751	ng		97
68) Hexachlorobenzene	16.387	284	480414	46.728	ng		94
69) Atrazine	16.551	200	373961	48.382	ng		98
70) Pentachlorophenol	16.745	266	621802	107.740	ng		99
71) Phenanthrene	17.134	178	1679605	44.002	ng		100
72) Anthracene	17.228	178	1732101	45.101	ng		99
73) Carbazole	17.516	167	1619014	46.577	ng		100
74) Di-n-butylphthalate	18.104	149	2111662	47.236	ng		100
75) Fluoranthene	19.222	202	2044320	45.816	ng		99
77) Benzidine	19.422	184	742781	35.485	ng		99
78) Pyrene	19.592	202	2099503	45.592	ng		99
80) Butylbenzylphthalate	20.545	149	992487	48.461	ng		95
81) Benzo(a)anthracene	21.492	228	2194524	45.475	ng		99
82) 3,3'-Dichlorobenzidine	21.428	252	544789	30.394	ng		99
83) Chrysene	21.557	228	2031513	44.408	ng		100
84) Bis(2-ethylhexyl)phtha...	21.428	149	1478644	49.121	ng		99
85) Di-n-octyl phthalate	22.675	149	2442323	49.615	ng		99
87) Indeno(1,2,3-cd)pyrene	28.515	276	2735441	44.820	ng	#	92
88) Benzo(b)fluoranthene	23.763	252	2233590	46.679	ng		99
89) Benzo(k)fluoranthene	23.827	252	2248794	45.608	ng		99
90) Benzo(a)pyrene	24.639	252	2120304	46.138	ng		98
91) Dibenzo(a,h)anthracene	28.598	278	2246534	45.246	ng		99
92) Benzo(g,h,i)perylene	29.668	276	2167806	43.905	ng		97

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

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Misc :
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Instrument :
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