Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024506.D
Acq On : 02 May 2025 12:49
Operator : RC/JU
Sample : PB167823BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167823BS

Quant Time: May 02 13:25:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	130361	20.000	ng		-0.01
21) Naphthalene-d8	10.481	136	522863	20.000	ng		#-0.02
39) Acenaphthene-d10	14.345	164	328379	20.000	ng		0.00
64) Phenanthrene-d10	17.145	188	659860	20.000	ng		0.00
76) Chrysene-d12	21.604	240	784971	20.000	ng		# 0.01
86) Perylene-d12	24.951	264	967038	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	1083472	137.424	ng		-0.01
7) Phenol-d6	6.899	99	1324486	122.687	ng		-0.01
23) Nitrobenzene-d5	8.857	82	817191	89.119	ng		-0.01
42) 2,4,6-Tribromophenol	15.863	330	740923	163.080	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	1917923	89.426	ng		-0.01
79) Terphenyl-d14	19.880	244	3437692	88.273	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	114935	34.465	ng		96
3) Pyridine	3.669	79	298988	33.953	ng		92
4) n-Nitrosodimethylamine	3.581	42	140320	48.014	ng	#	75
6) Aniline	7.046	93	323064	33.489	ng		95
8) 2-Chlorophenol	7.281	128	403276	45.813	ng		99
9) Benzaldehyde	6.858	77	166663	31.209	ng		97
10) Phenol	6.928	94	465092	42.946	ng		90
11) bis(2-Chloroethyl)ether	7.140	93	333136	38.180	ng		98
12) 1,3-Dichlorobenzene	7.599	146	415729	43.869	ng		99
13) 1,4-Dichlorobenzene	7.740	146	420851	43.770	ng		99
14) 1,2-Dichlorobenzene	8.057	146	407192	43.857	ng		99
15) Benzyl Alcohol	7.952	79	328903	47.110	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.222	45	382294	40.534	ng		99
17) 2-Methylphenol	8.152	107	324642	46.339	ng		96
18) Hexachloroethane	8.775	117	157129	45.219	ng		97
19) n-Nitroso-di-n-propyla...	8.505	70	260667	39.029	ng		94
20) 3+4-Methylphenols	8.475	107	441334	45.401	ng		98
22) Acetophenone	8.522	105	557788	43.102	ng		96
24) Nitrobenzene	8.899	77	397095	43.776	ng		99
25) Isophorone	9.422	82	730123	43.990	ng		97
26) 2-Nitrophenol	9.604	139	213082	48.001	ng		96
27) 2,4-Dimethylphenol	9.669	122	362885	65.104	ng		97
28) bis(2-Chloroethoxy)met...	9.899	93	444752	39.666	ng		99
29) 2,4-Dichlorophenol	10.146	162	361931	47.622	ng		97
30) 1,2,4-Trichlorobenzene	10.346	180	372277	45.718	ng		99
31) Naphthalene	10.534	128	1158412	42.059	ng		99
32) Benzoic acid	9.828	122	267136	41.130	ng		99
33) 4-Chloroaniline	10.651	127	197794	20.393	ng		98
34) Hexachlorobutadiene	10.816	225	237806	49.698	ng		98
35) Caprolactam	11.440	113	125215	44.652	ng		97
36) 4-Chloro-3-methylphenol	11.781	107	414519	46.826	ng		99
37) 2-Methylnaphthalene	12.146	142	737997	38.636	ng		97
38) 1-Methylnaphthalene	12.363	142	775521	41.502	ng		99
40) 1,2,4,5-Tetrachloroben...	12.516	216	412761	45.708	ng		99
41) Hexachlorocyclopentadiene	12.498	237	585115	183.201	ng		100
43) 2,4,6-Trichlorophenol	12.769	196	296709	49.419	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	326505	49.109	ng		99
46) 1,1'-Biphenyl	13.163	154	1051750	43.573	ng		98
47) 2-Chloronaphthalene	13.210	162	811415	44.978	ng		98
48) 2-Nitroaniline	13.416	65	252547	49.907	ng		95
49) Acenaphthylene	14.063	152	1358474	47.829	ng		99
50) Dimethylphthalate	13.798	163	1061351	44.445	ng		99
51) 2,6-Dinitrotoluene	13.916	165	240350	47.397	ng		95
52) Acenaphthene	14.410	154	769629	42.742	ng		99
53) 3-Nitroaniline	14.251	138	133416	25.033	ng		99
54) 2,4-Dinitrophenol	14.469	184	326941	109.454	ng		91
55) Dibenzofuran	14.751	168	1241551	42.182	ng		96
56) 4-Nitrophenol	14.587	139	459292	99.782	ng		90
57) 2,4-Dinitrotoluene	14.722	165	354281	51.216	ng		98
58) Fluorene	15.410	166	1024639	44.970	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	299405	48.826	ng		99
60) Diethylphthalate	15.181	149	1109664	45.091	ng		100
61) 4-Chlorophenyl-phenyle...	15.404	204	506740	45.799	ng		97
62) 4-Nitroaniline	15.439	138	264942	46.959	ng		88
63) Azobenzene	15.704	77	908782	40.178	ng		94
65) 4,6-Dinitro-2-methylph...	15.498	198	203070	48.813	ng		96
66) n-Nitrosodiphenylamine	15.628	169	892246	45.302	ng		99
67) 4-Bromophenyl-phenylether	16.316	248	340334	47.159	ng		97
68) Hexachlorobenzene	16.434	284	416615	48.582	ng		99
69) Atrazine	16.604	200	337322	67.246	ng		99
70) Pentachlorophenol	16.792	266	592273	99.001	ng		100
71) Phenanthrene	17.192	178	1595270	44.317	ng		100
72) Anthracene	17.286	178	1631503	47.026	ng		100
73) Carbazole	17.575	167	1579776	46.603	ng		99
74) Di-n-butylphthalate	18.163	149	1959796	46.404	ng		99
75) Fluoranthene	19.280	202	1978696	46.218	ng		97
77) Benzidine	19.486	184	837928	84.212	ng		99
78) Pyrene	19.657	202	2059263	41.280	ng		99
80) Butylbenzylphthalate	20.616	149	957282	44.801	ng		94
81) Benzo(a)anthracene	21.586	228	2236757	45.844	ng		99
82) 3,3'-Dichlorobenzidine	21.510	252	547360	31.963	ng		99
83) Chrysene	21.657	228	2102014	44.969	ng		99
84) Bis(2-ethylhexyl)phtha...	21.521	149	1410845	45.041	ng		99
85) Di-n-octyl phthalate	22.798	149	2505322	49.198	ng		100
87) Indeno(1,2,3-cd)pyrene	28.774	276	3226191m	48.055	ng		
88) Benzo(b)fluoranthene	23.898	252	2482512	42.828	ng	#	98
89) Benzo(k)fluoranthene	23.968	252	2512927m	44.881	ng		
90) Benzo(a)pyrene	24.798	252	2462269	49.245	ng	#	97
91) Dibenzo(a,h)anthracene	28.839	278	2632518	47.241	ng		96
92) Benzo(g,h,i)perylene	29.968	276	2578004	45.451	ng	#	93

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

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