Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024181.D
Acq On : 18 Mar 2025 11:07
Operator : RC/JU
Sample : PB167157BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167157BS

Quant Time: Mar 18 11:49:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	330651	20.000	ng		0.00
21) Naphthalene-d8	10.552	136	1324493	20.000	ng		0.00
39) Acenaphthene-d10	14.404	164	810278	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1519988	20.000	ng		0.00
76) Chrysene-d12	21.669	240	1650496	20.000	ng		0.01
86) Perylene-d12	25.057	264	1679154	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	3239471	156.392	ng		0.00
7) Phenol-d6	6.952	99	4090305	147.666	ng		0.00
23) Nitrobenzene-d5	8.922	82	2336787	99.543	ng		0.00
42) 2,4,6-Tribromophenol	15.922	330	1567625	153.591	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	5302619	96.496	ng		0.00
79) Terphenyl-d14	19.928	244	8176573	102.262	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	354433	43.167	ng		98
3) Pyridine	3.711	79	860358	38.330	ng		98
4) n-Nitrosodimethylamine	3.623	42	337476	45.008	ng		100
6) Aniline	7.105	93	958876	37.995	ng		98
8) 2-Chlorophenol	7.346	128	1045957	46.749	ng		99
9) Benzaldehyde	6.922	77	287327	21.495	ng		98
10) Phenol	6.981	94	1345578	48.120	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	994704	45.108	ng		99
12) 1,3-Dichlorobenzene	7.664	146	1085042	44.971	ng		99
13) 1,4-Dichlorobenzene	7.805	146	1106186	44.903	ng		99
14) 1,2-Dichlorobenzene	8.122	146	1066355	45.107	ng		100
15) Benzyl Alcohol	8.011	79	835938	47.668	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	1064591	47.302	ng		97
17) 2-Methylphenol	8.216	107	862973	49.214	ng		100
18) Hexachloroethane	8.846	117	397431	45.472	ng		98
19) n-Nitroso-di-n-propyla...	8.569	70	722828	44.980	ng		98
20) 3+4-Methylphenols	8.540	107	1165885	48.396	ng		99
22) Acetophenone	8.587	105	1658596	49.531	ng	#	99
24) Nitrobenzene	8.963	77	1074581	46.402	ng		99
25) Isophorone	9.487	82	1941355	48.244	ng		99
26) 2-Nitrophenol	9.669	139	504613	45.617	ng		99
27) 2,4-Dimethylphenol	9.728	122	872998	61.374	ng		99
28) bis(2-Chloroethoxy)met...	9.957	93	1286717	45.452	ng		99
29) 2,4-Dichlorophenol	10.199	162	921412	47.885	ng		99
30) 1,2,4-Trichlorobenzene	10.410	180	939033	44.170	ng		99
31) Naphthalene	10.599	128	3065402	43.661	ng		100
32) Benzoic acid	9.875	122	699058	50.392	ng		100
33) 4-Chloroaniline	10.710	127	623657	24.821	ng		99
34) Hexachlorobutadiene	10.887	225	544411	44.496	ng		99
35) Caprolactam	11.499	113	333823	52.934	ng		95
36) 4-Chloro-3-methylphenol	11.840	107	977487	47.090	ng		98
37) 2-Methylnaphthalene	12.210	142	2042388	43.059	ng		99
38) 1-Methylnaphthalene	12.434	142	2002912	43.415	ng		100
40) 1,2,4,5-Tetrachloroben...	12.581	216	1147800	49.004	ng		99
41) Hexachlorocyclopentadiene	12.563	237	1373213	162.644	ng		99
43) 2,4,6-Trichlorophenol	12.822	196	695273	46.708	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.899	196	780193	47.792	ng		100
46) 1,1'-Biphenyl	13.228	154	2970132	48.780	ng		100
47) 2-Chloronaphthalene	13.263	162	2065291	45.095	ng		98
48) 2-Nitroaniline	13.469	65	578402	49.377	ng		96
49) Acenaphthylene	14.122	152	3327135	48.011	ng		100
50) Dimethylphthalate	13.857	163	2540405	44.807	ng		99
51) 2,6-Dinitrotoluene	13.969	165	553274	46.380	ng		99
52) Acenaphthene	14.469	154	2005750	45.300	ng		100
53) 3-Nitroaniline	14.304	138	388125	30.124	ng		99
54) 2,4-Dinitrophenol	14.516	184	727282	115.220	ng		99
55) Dibenzofuran	14.810	168	3101739	43.248	ng		99
56) 4-Nitrophenol	14.634	139	1179751	109.583	ng		99
57) 2,4-Dinitrotoluene	14.775	165	789863	50.127	ng		97
58) Fluorene	15.463	166	2559129	45.797	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	666462	46.209	ng		99
60) Diethylphthalate	15.240	149	2513522	44.519	ng		99
61) 4-Chlorophenyl-phenyle...	15.463	204	1232138	44.956	ng		100
62) 4-Nitroaniline	15.487	138	615562	45.552	ng		99
63) Azobenzene	15.763	77	2437011	45.795	ng		98
65) 4,6-Dinitro-2-methylph...	15.545	198	427388	47.363	ng		96
66) n-Nitrosodiphenylamine	15.687	169	2179696	47.224	ng		99
67) 4-Bromophenyl-phenylether	16.381	248	765644	45.880	ng		97
68) Hexachlorobenzene	16.492	284	899657	45.548	ng		97
69) Atrazine	16.669	200	843780	75.738	ng		99
70) Pentachlorophenol	16.851	266	1307939	102.396	ng		100
71) Phenanthrene	17.251	178	3886389	46.803	ng		100
72) Anthracene	17.351	178	3899598	48.218	ng		100
73) Carbazole	17.634	167	3705785	47.514	ng		99
74) Di-n-butylphthalate	18.222	149	4375417	47.258	ng		100
75) Fluoranthene	19.339	202	4465647	46.435	ng		100
77) Benzidine	19.539	184	1410850	78.183	ng		100
78) Pyrene	19.722	202	4772350	46.510	ng		100
80) Butylbenzylphthalate	20.663	149	2020153	47.741	ng		98
81) Benzo(a)anthracene	21.651	228	4828655	47.056	ng		100
82) 3,3'-Dichlorobenzidine	21.563	252	1193393	34.700	ng		99
83) Chrysene	21.716	228	4491727	45.533	ng		99
84) Bis(2-ethylhexyl)phtha...	21.586	149	2995615	46.917	ng		100
85) Di-n-octyl phthalate	22.892	149	4753251	46.464	ng		99
87) Indeno(1,2,3-cd)pyrene	28.933	276	5729823	48.893	ng	#	91
88) Benzo(b)fluoranthene	23.998	252	4826316	47.671	ng		97
89) Benzo(k)fluoranthene	24.069	252	4939409	49.876	ng		99
90) Benzo(a)pyrene	24.910	252	4563825	51.840	ng		99
91) Dibenzo(a,h)anthracene	29.004	278	4741549	48.632	ng		99
92) Benzo(g,h,i)perylene	30.121	276	4463272	45.033	ng		99

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

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