Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024308.D
Acq On : 16 Apr 2025 12:26
Operator : RC/JU
Sample : PB167599BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 16 13:05:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB167599BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	286323	20.000	ng		0.00
21) Naphthalene-d8	10.504	136	1113960	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	629539	20.000	ng		0.00
64) Phenanthrene-d10	17.175	188	1114867	20.000	ng		0.00
76) Chrysene-d12	21.627	240	1123456	20.000	ng		0.00
86) Perylene-d12	24.980	264	1378114	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	2311099	133.461	ng		0.00
7) Phenol-d6	6.916	99	2844918	119.981	ng		0.00
23) Nitrobenzene-d5	8.875	82	1716926	87.886	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	1075516	123.480	ng		-0.01
45) 2-Fluorobiphenyl	12.969	172	3607996	87.751	ng		-0.01
79) Terphenyl-d14	19.910	244	4813130	86.354	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	269686	36.819	ng		98
3) Pyridine	3.687	79	689112	35.629	ng		99
4) n-Nitrosodimethylamine	3.593	42	266789	41.563	ng		98
6) Aniline	7.069	93	714252	33.710	ng		100
8) 2-Chlorophenol	7.299	128	828942	42.875	ng		99
9) Benzaldehyde	6.881	77	320213	27.301	ng		99
10) Phenol	6.940	94	1001957	42.124	ng		99
11) bis(2-Chloroethyl)ether	7.158	93	763164	39.822	ng		99
12) 1,3-Dichlorobenzene	7.616	146	872562	41.921	ng		99
13) 1,4-Dichlorobenzene	7.763	146	882947	41.809	ng		99
14) 1,2-Dichlorobenzene	8.081	146	845676	41.470	ng		99
15) Benzyl Alcohol	7.969	79	638012	41.607	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.246	45	854378	41.244	ng		100
17) 2-Methylphenol	8.169	107	660981	42.956	ng		99
18) Hexachloroethane	8.799	117	324087	42.464	ng		99
19) n-Nitroso-di-n-propyla...	8.528	70	551619	37.604	ng		99
20) 3+4-Methylphenols	8.493	107	882799	41.348	ng		98
22) Acetophenone	8.540	105	1145214	41.537	ng	#	99
24) Nitrobenzene	8.922	77	835146	43.214	ng		98
25) Isophorone	9.440	82	1508101	42.648	ng		100
26) 2-Nitrophenol	9.622	139	415484	43.931	ng		99
27) 2,4-Dimethylphenol	9.687	122	714650	60.180	ng		100
28) bis(2-Chloroethoxy)met...	9.922	93	985304	41.247	ng		99
29) 2,4-Dichlorophenol	10.157	162	695019	42.924	ng		100
30) 1,2,4-Trichlorobenzene	10.363	180	738252	42.555	ng		100
31) Naphthalene	10.552	128	2398520	40.875	ng		100
32) Benzoic acid	9.834	122	482897	34.898	ng		99
33) 4-Chloroaniline	10.663	127	275028	13.309	ng		99
34) Hexachlorobutadiene	10.840	225	448872	44.031	ng		99
35) Caprolactam	11.457	113	215946	36.145	ng		98
36) 4-Chloro-3-methylphenol	11.793	107	740961	39.288	ng		99
37) 2-Methylnaphthalene	12.163	142	1459183	35.856	ng		100
38) 1-Methylnaphthalene	12.387	142	1520396	38.190	ng		100
40) 1,2,4,5-Tetrachloroben...	12.540	216	781643	45.149	ng		99
41) Hexachlorocyclopentadiene	12.522	237	1145367	187.062	ng		99
43) 2,4,6-Trichlorophenol	12.787	196	524976	45.609	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	561470	44.050	ng	99
46) 1,1'-Biphenyl	13.187	154	1982266	42.837	ng	99
47) 2-Chloronaphthalene	13.228	162	1518756	43.914	ng	99
48) 2-Nitroaniline	13.440	65	422765	43.579	ng	99
49) Acenaphthylene	14.081	152	2478028	45.509	ng	99
50) Dimethylphthalate	13.822	163	1803151	39.386	ng	100
51) 2,6-Dinitrotoluene	13.940	165	401775	41.328	ng	98
52) Acenaphthene	14.434	154	1418462	41.090	ng	99
53) 3-Nitroaniline	14.269	138	188737	18.472	ng	99
54) 2,4-Dinitrophenol	14.487	184	483623	84.454	ng	96
55) Dibenzofuran	14.769	168	2205474	39.086	ng	98
56) 4-Nitrophenol	14.598	139	761058	86.245	ng	97
57) 2,4-Dinitrotoluene	14.740	165	556856	41.991	ng	99
58) Fluorene	15.428	166	1779287	40.734	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.992	232	474658	40.376	ng	99
60) Diethylphthalate	15.204	149	1773064	37.582	ng	100
61) 4-Chlorophenyl-phenyle...	15.434	204	850517	40.097	ng	99
62) 4-Nitroaniline	15.451	138	408319	37.750	ng	96
63) Azobenzene	15.728	77	1701071	39.229	ng	98
65) 4,6-Dinitro-2-methylph...	15.510	198	297472	42.322	ng	96
66) n-Nitrosodiphenylamine	15.645	169	1499526	45.063	ng	99
67) 4-Bromophenyl-phenylether	16.339	248	544115	44.625	ng	99
68) Hexachlorobenzene	16.463	284	651546	44.969	ng	95
69) Atrazine	16.628	200	495988	58.523	ng	99
70) Pentachlorophenol	16.822	266	878367	86.900	ng	99
71) Phenanthrene	17.222	178	2611981	42.947	ng	100
72) Anthracene	17.310	178	2669025	45.533	ng	99
73) Carbazole	17.598	167	2433924	42.496	ng	99
74) Di-n-butylphthalate	18.186	149	2918940	40.907	ng	100
75) Fluoranthene	19.304	202	2932782	40.545	ng	100
77) Benzidine	19.504	184	1069543	75.104	ng	100
78) Pyrene	19.680	202	3050823	42.731	ng	99
80) Butylbenzylphthalate	20.633	149	1302696	42.598	ng	99
81) Benzo(a)anthracene	21.604	228	3049813	43.675	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	711112	29.014	ng	99
83) Chrysene	21.674	228	2832420	42.338	ng	100
84) Bis(2-ethylhexyl)phtha...	21.545	149	1885015	42.048	ng	99
85) Di-n-octyl phthalate	22.827	149	3290642	45.151	ng	100
87) Indeno(1,2,3-cd)pyrene	28.792	276	4538892m	47.441	ng	
88) Benzo(b)fluoranthene	23.916	252	3328058	40.289	ng	99
89) Benzo(k)fluoranthene	23.986	252	3424379	42.916	ng	99
90) Benzo(a)pyrene	24.810	252	3322549	46.629	ng	100
91) Dibenzo(a,h)anthracene	28.886	278	3766145	47.425	ng	99
92) Benzo(g,h,i)perylene	29.986	276	3668533	45.385	ng	98

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

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