Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024323.D
Acq On : 17 Apr 2025 12:32
Operator : RC/JU
Sample : PB167564BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 17 12:56:34 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 :
PB167564BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	302883	20.000	ng	0.02
21) Naphthalene-d8	10.504	136	1314398	20.000	ng	0.02
39) Acenaphthene-d10	14.363	164	875504	20.000	ng	0.01
64) Phenanthrene-d10	17.157	188	1837449	20.000	ng	0.00
76) Chrysene-d12	21.604	240	1940224	20.000	ng	0.00
86) Perylene-d12	24.945	264	1918974	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2617757	142.905	ng	0.01
7) Phenol-d6	6.916	99	3442715	137.254	ng	0.02
23) Nitrobenzene-d5	8.881	82	2046050	88.762	ng	0.02
42) 2,4,6-Tribromophenol	15.875	330	1831246	151.179	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	4841796	84.675	ng	0.00
79) Terphenyl-d14	19.886	244	8693032	90.309	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	266140	34.349	ng	97
3) Pyridine	3.681	79	729195	35.641	ng	98
4) n-Nitrosodimethylamine	3.593	42	304169	44.796	ng	96
6) Aniline	7.069	93	977592	43.616	ng	100
8) 2-Chlorophenol	7.299	128	1025260	50.130	ng	100
9) Benzaldehyde	6.875	77	263741	21.257	ng	100
10) Phenol	6.940	94	1284161	51.036	ng	97
11) bis(2-Chloroethyl)ether	7.158	93	909275	44.852	ng	99
12) 1,3-Dichlorobenzene	7.616	146	982467	44.621	ng	99
13) 1,4-Dichlorobenzene	7.763	146	1007346	45.092	ng	99
14) 1,2-Dichlorobenzene	8.075	146	982429	45.542	ng	100
15) Benzyl Alcohol	7.969	79	828445	51.072	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.246	45	1038203	47.378	ng	100
17) 2-Methylphenol	8.169	107	881157	54.134	ng	98
18) Hexachloroethane	8.793	117	375219	46.475	ng	99
19) n-Nitroso-di-n-propyla...	8.528	70	718298	46.289	ng	99
20) 3+4-Methylphenols	8.493	107	1206984	53.441	ng	99
22) Acetophenone	8.546	105	1455151	44.730	ng	100
24) Nitrobenzene	8.922	77	1045345	45.842	ng	100
25) Isophorone	9.440	82	2080987	49.875	ng	100
26) 2-Nitrophenol	9.622	139	557908	49.995	ng	99
27) 2,4-Dimethylphenol	9.687	122	1003038	71.584	ng	98
28) bis(2-Chloroethoxy)met...	9.916	93	1315176	46.660	ng	99
29) 2,4-Dichlorophenol	10.163	162	998582	52.267	ng	99
30) 1,2,4-Trichlorobenzene	10.363	180	938774	45.861	ng	99
31) Naphthalene	10.557	128	3017816	43.586	ng	99
32) Benzoic acid	9.857	122	835098m	51.148	ng	
33) 4-Chloroaniline	10.657	127	484538	19.872	ng	99
34) Hexachlorobutadiene	10.840	225	555424	46.175	ng	99
35) Caprolactam	11.469	113	376079m	53.348	ng	
36) 4-Chloro-3-methylphenol	11.799	107	1170976	52.620	ng	99
37) 2-Methylnaphthalene	12.163	142	1971746	41.063	ng	98
38) 1-Methylnaphthalene	12.387	142	2095327	44.606	ng	99
40) 1,2,4,5-Tetrachloroben...	12.540	216	1066625	44.301	ng	99
41) Hexachlorocyclopentadiene	12.522	237	1464235	171.955	ng	99
43) 2,4,6-Trichlorophenol	12.787	196	808151	50.486	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	913031	51.508	ng	99
46) 1,1'-Biphenyl	13.181	154	2841421	44.153	ng	99
47) 2-Chloronaphthalene	13.228	162	2163828	44.988	ng	99
48) 2-Nitroaniline	13.434	65	698909	51.804	ng	99
49) Acenaphthylene	14.081	152	3739262	49.379	ng	100
50) Dimethylphthalate	13.822	163	3042218	47.782	ng	99
51) 2,6-Dinitrotoluene	13.934	165	686987	50.813	ng	97
52) Acenaphthene	14.428	154	2121498	44.191	ng	100
53) 3-Nitroaniline	14.269	138	434239	30.560	ng	98
54) 2,4-Dinitrophenol	14.487	184	930798	116.879	ng	100
55) Dibenzofuran	14.763	168	3422328	43.612	ng	99
56) 4-Nitrophenol	14.598	139	1367153	111.403	ng	98
57) 2,4-Dinitrotoluene	14.740	165	985672	53.445	ng	97
58) Fluorene	15.428	166	2815136	46.341	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	819400	50.120	ng	99
60) Diethylphthalate	15.198	149	3121191	47.571	ng	99
61) 4-Chlorophenyl-phenyle...	15.416	204	1380633	46.802	ng	99
62) 4-Nitroaniline	15.451	138	757647	50.367	ng	96
63) Azobenzene	15.716	77	2779156	46.085	ng	99
65) 4,6-Dinitro-2-methylph...	15.510	198	590845	51.003	ng	99
66) n-Nitrosodiphenylamine	15.639	169	2553196	46.554	ng	99
67) 4-Bromophenyl-phenylether	16.328	248	955330	47.539	ng	98
68) Hexachlorobenzene	16.445	284	1138569	47.680	ng	98
69) Atrazine	16.622	200	948667	67.916	ng	99
70) Pentachlorophenol	16.804	266	1667730	100.110	ng	98
71) Phenanthrene	17.204	178	4526959	45.162	ng	100
72) Anthracene	17.292	178	4645447	48.085	ng	99
73) Carbazole	17.581	167	4558890	48.296	ng	99
74) Di-n-butylphthalate	18.169	149	5765574	49.026	ng	100
75) Fluoranthene	19.292	202	5545317	46.515	ng	99
77) Benzidine	19.486	184	1998211	81.248	ng	100
78) Pyrene	19.669	202	5661848	45.918	ng	100
80) Butylbenzylphthalate	20.616	149	2712595	51.361	ng	96
81) Benzo(a)anthracene	21.580	228	5744445	47.634	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	1340459	31.668	ng	100
83) Chrysene	21.651	228	5299827	45.871	ng	100
84) Bis(2-ethylhexyl)phtha...	21.522	149	3796363	49.034	ng	99
85) Di-n-octyl phthalate	22.798	149	6244844	49.614	ng	99
87) Indeno(1,2,3-cd)pyrene	28.756	276	5581645	41.897	ng	94
88) Benzo(b)fluoranthene	23.898	252	5657100	49.181	ng	99
89) Benzo(k)fluoranthene	23.968	252	5487531	49.389	ng	100
90) Benzo(a)pyrene	24.792	252	5161830	52.024	ng	99
91) Dibenzo(a,h)anthracene	28.827	278	4627739	41.850	ng	99
92) Benzo(g,h,i)perylene	29.927	276	4356459	38.705	ng	99

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

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