Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025440.D
Acq On : 16 Aug 2025 01:13
Operator : CG/JU
Sample : PB169275BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 18 02:41:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169275BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	148044	20.000	ng		0.00
21) Naphthalene-d8	10.554	136	580625	20.000	ng		0.00
39) Acenaphthene-d10	14.407	164	358574	20.000	ng		0.00
64) Phenanthrene-d10	17.201	188	675805	20.000	ng		0.00
76) Chrysene-d12	21.636	240	782158	20.000	ng		-0.01
86) Perylene-d12	24.995	264	908232	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1024331	114.905	ng		0.00
7) Phenol-d6	6.966	99	1276933	111.725	ng		0.00
23) Nitrobenzene-d5	8.931	82	825841	71.949	ng		0.00
42) 2,4,6-Tribromophenol	15.913	330	519140	107.562	ng		0.00
45) 2-Fluorobiphenyl	13.019	172	1852023	70.589	ng		0.00
79) Terphenyl-d14	19.925	244	2932093	68.586	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	111519	31.937	ng		99
3) Pyridine	3.725	79	309486	32.382	ng		96
4) n-Nitrosodimethylamine	3.625	42	160074	40.626	ng		90
6) Aniline	7.119	93	447538	29.063	ng		97
8) 2-Chlorophenol	7.360	128	402571	40.018	ng		99
9) Benzaldehyde	6.937	77	192085	23.988	ng		97
10) Phenol	6.990	94	479159	39.954	ng		96
11) bis(2-Chloroethyl)ether	7.213	93	350665	37.514	ng		98
12) 1,3-Dichlorobenzene	7.678	146	424285	38.250	ng		98
13) 1,4-Dichlorobenzene	7.825	146	429008	37.839	ng		98
14) 1,2-Dichlorobenzene	8.137	146	408187	37.192	ng		99
15) Benzyl Alcohol	8.019	79	341557	37.611	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.307	45	481340	38.440	ng		98
17) 2-Methylphenol	8.225	107	324461	38.954	ng		99
18) Hexachloroethane	8.860	117	161126	38.652	ng		99
19) n-Nitroso-di-n-propyla...	8.584	70	261796	34.581	ng		96
20) 3+4-Methylphenols	8.543	107	434147	37.603	ng		99
22) Acetophenone	8.596	105	560498	38.493	ng	#	97
24) Nitrobenzene	8.972	77	411470	40.112	ng		99
25) Isophorone	9.496	82	736234	36.244	ng		99
26) 2-Nitrophenol	9.672	139	203514	38.658	ng		96
27) 2,4-Dimethylphenol	9.737	122	362331	40.021	ng		99
28) bis(2-Chloroethoxy)met...	9.966	93	460615	37.513	ng		97
29) 2,4-Dichlorophenol	10.207	162	368265	40.947	ng		99
30) 1,2,4-Trichlorobenzene	10.419	180	382255	38.772	ng		96
31) Naphthalene	10.607	128	1154178	38.245	ng		99
32) Benzoic acid	9.860	122	254526	38.080	ng		96
33) 4-Chloroaniline	10.707	127	287154	21.541	ng		98
34) Hexachlorobutadiene	10.896	225	235114	38.293	ng		97
35) Caprolactam	11.484	113	118360	35.891	ng		94
36) 4-Chloro-3-methylphenol	11.831	107	401250	38.881	ng		96
37) 2-Methylnaphthalene	12.213	142	735380	37.445	ng		99
38) 1-Methylnaphthalene	12.431	142	756958	36.243	ng		100
40) 1,2,4,5-Tetrachloroben...	12.584	216	412119	39.795	ng		98
41) Hexachlorocyclopentadiene	12.566	237	453436	72.487	ng		99
43) 2,4,6-Trichlorophenol	12.825	196	286973	41.046	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	316553	41.312	ng	97
46) 1,1'-Biphenyl	13.225	154	1038303	39.871	ng	100
47) 2-Chloronaphthalene	13.266	162	798368	39.380	ng	100
48) 2-Nitroaniline	13.466	65	242905	41.121	ng	96
49) Acenaphthylene	14.125	152	1312312	39.119	ng	100
50) Dimethylphthalate	13.848	163	998504	38.027	ng	99
51) 2,6-Dinitrotoluene	13.966	165	221290	39.984	ng	98
52) Acenaphthene	14.466	154	758509m	38.520	ng	
53) 3-Nitroaniline	14.290	138	172254	27.664	ng	94
54) 2,4-Dinitrophenol	14.501	184	201749	68.261	ng	95
55) Dibenzofuran	14.807	168	1200726	38.569	ng	98
56) 4-Nitrophenol	14.613	139	414800	81.067	ng	94
57) 2,4-Dinitrotoluene	14.760	165	318473	40.332	ng	99
58) Fluorene	15.466	166	926864	37.731	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.037	232	268117	39.628	ng	98
60) Diethylphthalate	15.237	149	1005774	37.696	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	455728	37.302	ng	98
62) 4-Nitroaniline	15.478	138	226098	35.419	ng	94
63) Azobenzene	15.760	77	901060	39.441	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	145391	34.513	ng	95
66) n-Nitrosodiphenylamine	15.678	169	837361	40.633	ng	99
67) 4-Bromophenyl-phenylether	16.372	248	297875	40.077	ng	93
68) Hexachlorobenzene	16.495	284	343286	39.843	ng	99
69) Atrazine	16.648	200	308033	39.912	ng	97
70) Pentachlorophenol	16.842	266	464522	85.409	ng	98
71) Phenanthrene	17.242	178	1487597	40.071	ng	99
72) Anthracene	17.336	178	1562142	41.205	ng	99
73) Carbazole	17.613	167	1487469	41.655	ng	99
74) Di-n-butylphthalate	18.213	149	1713786	39.008	ng	99
75) Fluoranthene	19.325	202	1857132	41.938	ng	99
77) Benzidine	19.513	184	1155068	43.272	ng	99
78) Pyrene	19.701	202	1964133	38.635	ng	99
80) Butylbenzylphthalate	20.648	149	908498	39.431	ng	99
81) Benzo(a)anthracene	21.613	228	2109915	40.903	ng	100
82) 3,3'-Dichlorobenzidine	21.530	252	648008	33.328	ng	100
83) Chrysene	21.677	228	1999016	41.381	ng	99
84) Bis(2-ethylhexyl)phtha...	21.566	149	1346772	39.708	ng	100
85) Di-n-octyl phthalate	22.848	149	2392459	41.010	ng	98
87) Indeno(1,2,3-cd)pyrene	28.812	276	2753599	41.342	ng	98
88) Benzo(b)fluoranthene	23.948	252	2179936	40.704	ng	99
89) Benzo(k)fluoranthene	24.013	252	2191943	40.900	ng	99
90) Benzo(a)pyrene	24.842	252	2111811	40.509	ng	99
91) Dibenzo(a,h)anthracene	28.895	278	2223171	40.844	ng	100
92) Benzo(g,h,i)perylene	30.006	276	2209159	41.289	ng	99

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

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