Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025530.D
Acq On : 21 Aug 2025 08:03
Operator : CG/JU
Sample : PB169285BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 21 08:25:48 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 :
PB169285BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.784	152	196534	20.000	ng		-0.01
21) Naphthalene-d8	10.555	136	781553	20.000	ng		0.00
39) Acenaphthene-d10	14.401	164	484678	20.000	ng		0.00
64) Phenanthrene-d10	17.201	188	844280	20.000	ng		0.00
76) Chrysene-d12	21.642	240	710264	20.000	ng		0.00
86) Perylene-d12	25.024	264	934915	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	1534810	129.690	ng		0.00
7) Phenol-d6	6.966	99	1909533	125.853	ng		0.00
23) Nitrobenzene-d5	8.925	82	1243291	80.471	ng		-0.01
42) 2,4,6-Tribromophenol	15.919	330	764828	117.236	ng		0.00
45) 2-Fluorobiphenyl	13.013	172	2682462	75.639	ng		0.00
79) Terphenyl-d14	19.930	244	3070754	79.100	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	169513	36.568	ng		98
3) Pyridine	3.725	79	463364	36.520	ng		95
4) n-Nitrosodimethylamine	3.631	42	251892	48.156	ng		96
6) Aniline	7.119	93	693643	33.931	ng		98
8) 2-Chlorophenol	7.361	128	624493	46.762	ng		100
9) Benzaldehyde	6.931	77	276420	26.003	ng		96
10) Phenol	6.990	94	739477	46.447	ng		94
11) bis(2-Chloroethyl)ether	7.213	93	538153	43.368	ng		98
12) 1,3-Dichlorobenzene	7.678	146	638530	43.362	ng		98
13) 1,4-Dichlorobenzene	7.819	146	652565	43.356	ng		99
14) 1,2-Dichlorobenzene	8.131	146	632818	43.434	ng		99
15) Benzyl Alcohol	8.019	79	540046	44.796	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.308	45	761451	45.806	ng		99
17) 2-Methylphenol	8.219	107	505643	45.729	ng		99
18) Hexachloroethane	8.855	117	244915	44.256	ng		97
19) n-Nitroso-di-n-propyla...	8.578	70	414028	41.196	ng		95
20) 3+4-Methylphenols	8.543	107	687213	44.836	ng		97
22) Acetophenone	8.596	105	872503	44.516	ng	#	98
24) Nitrobenzene	8.966	77	637899	46.198	ng		99
25) Isophorone	9.496	82	1169133	42.758	ng		100
26) 2-Nitrophenol	9.666	139	326051	46.011	ng		96
27) 2,4-Dimethylphenol	9.731	122	564354	46.310	ng		98
28) bis(2-Chloroethoxy)met...	9.966	93	723903	43.798	ng		98
29) 2,4-Dichlorophenol	10.207	162	572038	47.253	ng		99
30) 1,2,4-Trichlorobenzene	10.413	180	575865	43.394	ng		97
31) Naphthalene	10.602	128	1780013	43.819	ng		99
32) Benzoic acid	9.884	122	445180	49.481	ng		94
33) 4-Chloroaniline	10.707	127	326352	18.188	ng		99
34) Hexachlorobutadiene	10.890	225	365279	44.198	ng		98
35) Caprolactam	11.490	113	182332m	41.075	ng		
36) 4-Chloro-3-methylphenol	11.831	107	638326	45.952	ng		98
37) 2-Methylnaphthalene	12.207	142	1144082	43.278	ng		99
38) 1-Methylnaphthalene	12.425	142	1183766	42.108	ng		99
40) 1,2,4,5-Tetrachloroben...	12.578	216	624020	44.579	ng		98
41) Hexachlorocyclopentadiene	12.560	237	790946	93.544	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	451922	47.821	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	500217	48.297	ng		98
46) 1,1'-Biphenyl	13.225	154	1608674	45.701	ng		99
47) 2-Chloronaphthalene	13.266	162	1225294	44.714	ng		99
48) 2-Nitroaniline	13.460	65	393124	49.236	ng		97
49) Acenaphthylene	14.113	152	2024048	44.637	ng		100
50) Dimethylphthalate	13.848	163	1585497	44.671	ng		99
51) 2,6-Dinitrotoluene	13.966	165	349462	46.715	ng		95
52) Acenaphthene	14.460	154	1148791	43.162	ng		100
53) 3-Nitroaniline	14.301	138	222995	26.495	ng		95
54) 2,4-Dinitrophenol	14.507	184	387131	96.905	ng		98
55) Dibenzofuran	14.801	168	1846807	43.888	ng		98
56) 4-Nitrophenol	14.619	139	600505	86.826	ng		94
57) 2,4-Dinitrotoluene	14.760	165	478451	44.827	ng		94
58) Fluorene	15.466	166	1392543	41.939	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	410098	44.843	ng		96
60) Diethylphthalate	15.237	149	1560529	43.271	ng		99
61) 4-Chlorophenyl-phenyle...	15.460	204	687626	41.640	ng		96
62) 4-Nitroaniline	15.478	138	329227	38.156	ng		94
63) Azobenzene	15.766	77	1417136	45.891	ng		98
65) 4,6-Dinitro-2-methylph...	15.542	198	256578	48.753	ng		89
66) n-Nitrosodiphenylamine	15.684	169	1278012	49.640	ng		99
67) 4-Bromophenyl-phenylether	16.378	248	454915	48.992	ng		97
68) Hexachlorobenzene	16.495	284	511819	47.550	ng		98
69) Atrazine	16.660	200	437448	45.370	ng		98
70) Pentachlorophenol	16.842	266	648309	95.414	ng		98
71) Phenanthrene	17.242	178	2122819	45.771	ng		99
72) Anthracene	17.342	178	2201306	46.478	ng		99
73) Carbazole	17.619	167	1911182	42.841	ng		99
74) Di-n-butylphthalate	18.213	149	2342348	42.676	ng		100
75) Fluoranthene	19.331	202	2166810	39.167	ng		98
77) Benzidine	19.525	184	796925	32.877	ng		99
78) Pyrene	19.701	202	2230728	48.321	ng		99
80) Butylbenzylphthalate	20.660	149	930500	44.474	ng		98
81) Benzo(a)anthracene	21.625	228	2164974	46.219	ng		100
82) 3,3'-Dichlorobenzidine	21.548	252	569130	32.235	ng		100
83) Chrysene	21.689	228	2047560	46.676	ng		99
84) Bis(2-ethylhexyl)phtha...	21.572	149	1352194	43.904	ng		99
85) Di-n-octyl phthalate	22.866	149	2568700	48.488	ng		99
87) Indeno(1,2,3-cd)pyrene	28.877	276	3393194	49.490	ng	#	94
88) Benzo(b)fluoranthene	23.954	252	2589674	46.975	ng		100
89) Benzo(k)fluoranthene	24.030	252	2521826	45.713	ng		100
90) Benzo(a)pyrene	24.871	252	2557506	47.658	ng		99
91) Dibenzo(a,h)anthracene	28.930	278	2791591	49.823	ng		99
92) Benzo(g,h,i)perylene	30.053	276	2766980	50.239	ng		98

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

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