Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025364.D
Acq On : 12 Aug 2025 12:54
Operator : CG/JU
Sample : PB169180BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 12 13:34:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169180BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.801	152	220840	20.000	ng		0.00
21) Naphthalene-d8	10.578	136	869704	20.000	ng		0.00
39) Acenaphthene-d10	14.430	164	505729	20.000	ng		0.01
64) Phenanthrene-d10	17.224	188	949767	20.000	ng		0.00
76) Chrysene-d12	21.671	240	975809	20.000	ng		0.01
86) Perylene-d12	25.059	264	1187024	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.413	112	1776429	129.376	ng		0.00
7) Phenol-d6	6.978	99	2162045	119.644	ng		0.01
23) Nitrobenzene-d5	8.942	82	1344711	85.660	ng		0.00
42) 2,4,6-Tribromophenol	15.936	330	788751	156.336	ng		0.01
45) 2-Fluorobiphenyl	13.042	172	3128965	85.456	ng		0.01
79) Terphenyl-d14	19.948	244	4155480	80.434	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	205719	37.966	ng		97
3) Pyridine	3.725	79	567965	37.728	ng		96
4) n-Nitrosodimethylamine	3.631	42	268350	38.396	ng		90
6) Aniline	7.131	93	897612	36.184	ng		98
8) 2-Chlorophenol	7.372	128	704417	46.869	ng		97
9) Benzaldehyde	6.943	77	353380m	27.534	ng		
10) Phenol	7.001	94	817527	42.283	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	634282	41.868	ng		98
12) 1,3-Dichlorobenzene	7.695	146	747314	44.252	ng		99
13) 1,4-Dichlorobenzene	7.837	146	762548	44.631	ng		98
14) 1,2-Dichlorobenzene	8.148	146	732005	44.227	ng		98
15) Benzyl Alcohol	8.031	79	570249	40.710	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	877417	36.663	ng		97
17) 2-Methylphenol	8.231	107	554819	42.885	ng		98
18) Hexachloroethane	8.872	117	279747	45.784	ng		99
19) n-Nitroso-di-n-propyla...	8.589	70	463209	39.014	ng		96
20) 3+4-Methylphenols	8.554	107	745255	41.833	ng		99
22) Acetophenone	8.607	105	961828	44.054	ng	#	97
24) Nitrobenzene	8.984	77	691190	46.513	ng		97
25) Isophorone	9.507	82	1321666	42.295	ng		99
26) 2-Nitrophenol	9.689	139	354210	54.210	ng		96
27) 2,4-Dimethylphenol	9.748	122	628234	43.607	ng		96
28) bis(2-Chloroethoxy)met...	9.984	93	828355	43.576	ng		98
29) 2,4-Dichlorophenol	10.225	162	609708	48.340	ng		98
30) 1,2,4-Trichlorobenzene	10.436	180	654455	47.032	ng		100
31) Naphthalene	10.625	128	2048114	45.364	ng		100
32) Benzoic acid	9.884	122	456006	53.159	ng		94
33) 4-Chloroaniline	10.719	127	582847	29.026	ng		99
34) Hexachlorobutadiene	10.913	225	393747	49.294	ng		99
35) Caprolactam	11.501	113	208745	42.662	ng		90
36) 4-Chloro-3-methylphenol	11.848	107	655298	44.901	ng		100
37) 2-Methylnaphthalene	12.236	142	1295489	44.332	ng		99
38) 1-Methylnaphthalene	12.448	142	1339118	43.918	ng		99
40) 1,2,4,5-Tetrachloroben...	12.607	216	693061	50.196	ng		99
41) Hexachlorocyclopentadiene	12.595	237	933594	109.556	ng		99
43) 2,4,6-Trichlorophenol	12.836	196	482515	54.098	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.913	196	525502	52.521	ng		99
46) 1,1'-Biphenyl	13.254	154	1809157	48.542	ng		98
47) 2-Chloronaphthalene	13.295	162	1382843	48.633	ng		99
48) 2-Nitroaniline	13.483	65	399641	47.982	ng		91
49) Acenaphthylene	14.142	152	2249554	47.430	ng		99
50) Dimethylphthalate	13.872	163	1705266	46.254	ng		99
51) 2,6-Dinitrotoluene	13.989	165	371618	54.648	ng		92
52) Acenaphthene	14.489	154	1546862m	53.469	ng		
53) 3-Nitroaniline	14.319	138	332018	41.725	ng	#	92
54) 2,4-Dinitrophenol	14.524	184	406086	95.583	ng	#	49
55) Dibenzofuran	14.830	168	2017038	46.655	ng		100
56) 4-Nitrophenol	14.636	139	671899	95.675	ng		96
57) 2,4-Dinitrotoluene	14.783	165	514895	48.787	ng		99
58) Fluorene	15.489	166	1591049	46.857	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.060	232	436130	52.182	ng		98
60) Diethylphthalate	15.260	149	1711712	46.053	ng		99
61) 4-Chlorophenyl-phenyle...	15.489	204	765696	47.566	ng		100
62) 4-Nitroaniline	15.501	138	397431	50.407	ng		96
63) Azobenzene	15.783	77	1553737	44.998	ng		98
65) 4,6-Dinitro-2-methylph...	15.560	198	281469	60.852	ng		95
66) n-Nitrosodiphenylamine	15.701	169	1437032	49.692	ng		99
67) 4-Bromophenyl-phenylether	16.395	248	483741	50.620	ng		97
68) Hexachlorobenzene	16.519	284	540187	50.378	ng		100
69) Atrazine	16.677	200	503317	49.491	ng		98
70) Pentachlorophenol	16.871	266	731365	107.057	ng		99
71) Phenanthrene	17.266	178	2492763	47.919	ng		100
72) Anthracene	17.360	178	2542052	48.465	ng		100
73) Carbazole	17.636	167	2388003	47.429	ng		99
74) Di-n-butylphthalate	18.242	149	2912732	47.819	ng		100
75) Fluoranthene	19.342	202	2779037	46.148	ng		100
77) Benzidine	19.542	184	1535351	43.471	ng		100
78) Pyrene	19.724	202	2972439	45.808	ng		99
80) Butylbenzylphthalate	20.677	149	1427772	54.253	ng		97
81) Benzo(a)anthracene	21.648	228	3054869	47.110	ng		100
82) 3,3'-Dichlorobenzidine	21.565	252	991014	43.316	ng		99
83) Chrysene	21.718	228	2900036	48.218	ng		99
84) Bis(2-ethylhexyl)phtha...	21.606	149	2195038	52.236	ng		99
85) Di-n-octyl phthalate	22.906	149	4054035	57.637	ng		96
87) Indeno(1,2,3-cd)pyrene	28.930	276	4159070	48.884	ng		100
88) Benzo(b)fluoranthene	24.000	252	3305010	46.512	ng		100
89) Benzo(k)fluoranthene	24.077	252	3398773	48.250	ng		100
90) Benzo(a)pyrene	24.918	252	3264966	47.713	ng		100
91) Dibenzo(a,h)anthracene	29.012	278	3405001	48.866	ng		98
92) Benzo(g,h,i)perylene	30.130	276	3316590	48.498	ng		97

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

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