Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110425\
Data File : BP026071.D
Acq On : 04 Nov 2025 14:52
Operator : RC/JU
Sample : PB170372BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170372BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Jagrut Upadhyay 11/05/2025

Quant Time: Nov 04 15:23:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.690	152	374960	20.000	ng		0.00
21) Naphthalene-d8	10.460	136	1516065	20.000	ng		0.00
39) Acenaphthene-d10	14.337	164	994589	20.000	ng		0.02
64) Phenanthrene-d10	17.137	188	2046245	20.000	ng		0.01
76) Chrysene-d12	21.583	240	1879680	20.000	ng		0.02
86) Perylene-d12	24.907	264	1856922	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.308	112	2880216	126.750	ng		0.01
7) Phenol-d6	6.866	99	3668285	126.831	ng		0.01
23) Nitrobenzene-d5	8.831	82	2043249	84.017	ng		0.00
42) 2,4,6-Tribromophenol	15.848	330	1534262	142.689	ng		0.02
45) 2-Fluorobiphenyl	12.943	172	5187953	74.952	ng		0.01
79) Terphenyl-d14	19.878	244	7999813	86.467	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	309019	32.258	ng		98
3) Pyridine	3.625	79	873323	32.070	ng		96
4) n-Nitrosodimethylamine	3.537	42	433758	39.742	ng		92
6) Aniline	7.019	93	1232698	31.935	ng		99
8) 2-Chlorophenol	7.261	128	1150032	45.703	ng		99
9) Benzaldehyde	6.837	77	444624	29.573	ng		95
10) Phenol	6.896	94	1417921	44.159	ng		100
11) bis(2-Chloroethyl)ether	7.119	93	1005777	39.691	ng		99
12) 1,3-Dichlorobenzene	7.584	146	1169699	40.477	ng		99
13) 1,4-Dichlorobenzene	7.725	146	1190069	40.731	ng		100
14) 1,2-Dichlorobenzene	8.037	146	1151246	41.293	ng		99
15) Benzyl Alcohol	7.919	79	944953	45.320	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.219	45	1403660	36.651	ng		97
17) 2-Methylphenol	8.125	107	961661	45.738	ng		98
18) Hexachloroethane	8.761	117	413574	41.366	ng		96
19) n-Nitroso-di-n-propyla...	8.484	70	747337	41.626	ng		98
20) 3+4-Methylphenols	8.449	107	1319057	45.096	ng		99
22) Acetophenone	8.502	105	1751061	45.669	ng	#	97
24) Nitrobenzene	8.872	77	1101699	42.906	ng		98
25) Isophorone	9.396	82	2165570	41.603	ng		100
26) 2-Nitrophenol	9.578	139	557632	58.387	ng		94
27) 2,4-Dimethylphenol	9.637	122	1066968	48.743	ng		98
28) bis(2-Chloroethoxy)met...	9.872	93	1351324	41.192	ng		100
29) 2,4-Dichlorophenol	10.107	162	1100164	47.600	ng		99
30) 1,2,4-Trichlorobenzene	10.325	180	1079664	42.978	ng		99
31) Naphthalene	10.507	128	3353090	40.558	ng		100
32) Benzoic acid	9.790	122	957583	64.370	ng		94
33) 4-Chloroaniline	10.607	127	769475	24.221	ng		100
34) Hexachlorobutadiene	10.802	225	649120	40.661	ng		98
35) Caprolactam	11.378	113	397610	48.989	ng		91
36) 4-Chloro-3-methylphenol	11.743	107	1182294	48.797	ng		97
37) 2-Methylnaphthalene	12.119	142	2187210	37.799	ng		99
38) 1-Methylnaphthalene	12.349	142	2239394	39.836	ng		100
40) 1,2,4,5-Tetrachloroben...	12.501	216	1357332	43.922	ng		99
41) Hexachlorocyclopentadiene	12.484	237	1392341	123.141	ng		97
43) 2,4,6-Trichlorophenol	12.737	196	895288	49.013	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.807	196	1014770	48.687	ng		97
46)	1,1'-Biphenyl	13.149	154	3387055	44.475	ng		99
47)	2-Chloronaphthalene	13.190	162	2425627	40.482	ng		99
48)	2-Nitroaniline	13.390	65	718152	46.659	ng		98
49)	Acenaphthylene	14.054	152	4142026	47.428	ng		99
50)	Dimethylphthalate	13.784	163	3176302	43.905	ng		99
51)	2,6-Dinitrotoluene	13.896	165	685703	50.592	ng		94
52)	Acenaphthene	14.401	154	2342770	39.076	ng		99
53)	3-Nitroaniline	14.225	138	584110	36.507	ng	#	98
54)	2,4-Dinitrophenol	14.443	184	741934	103.343	ng		96
55)	Dibenzofuran	14.743	168	3727736	41.153	ng		99
56)	4-Nitrophenol	14.543	139	1354259	93.877	ng		99
57)	2,4-Dinitrotoluene	14.701	165	976545	49.134	ng		92
58)	Fluorene	15.401	166	2943272	41.474	ng		100
59)	2,3,4,6-Tetrachlorophenol	14.966	232	882805	53.869	ng		99
60)	Diethylphthalate	15.184	149	3147407	43.275	ng		99
61)	4-Chlorophenyl-phenyle...	15.401	204	1420932	40.095	ng		97
62)	4-Nitroaniline	15.413	138	732944	47.412	ng		94
63)	Azobenzene	15.695	77	2769739	42.020	ng		99
65)	4,6-Dinitro-2-methylph...	15.472	198	512991	58.118	ng		97
66)	n-Nitrosodiphenylamine	15.613	169	2722257	42.549	ng		100
67)	4-Bromophenyl-phenylether	16.313	248	966592	42.585	ng		100
68)	Hexachlorobenzene	16.437	284	1099926	42.568	ng		99
69)	Atrazine	16.595	200	1011448	46.864	ng		99
70)	Pentachlorophenol	16.784	266	1532482	97.096	ng		98
71)	Phenanthrene	17.184	178	4829962	40.553	ng		99
72)	Anthracene	17.278	178	4943352	41.871	ng		99
73)	Carbazole	17.554	167	4744102	42.450	ng		99
74)	Di-n-butylphthalate	18.166	149	5738710	45.891	ng		100
75)	Fluoranthene	19.278	202	5766016	41.502	ng		98
77)	Benzidine	19.466	184	1838378	38.531	ng		99
78)	Pyrene	19.654	202	5885162	46.292	ng		99
80)	Butylbenzylphthalate	20.619	149	2506339	52.464	ng		96
81)	Benzo(a)anthracene	21.566	228	5448331	42.181	ng		100
82)	3,3'-Dichlorobenzidine	21.489	252	1433179	34.437	ng		99
83)	Chrysene	21.630	228	5073024	41.461	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.530	149	3590130	47.425	ng		98
85)	Di-n-octyl phthalate	22.813	149	6106337	54.572	ng		97
87)	Indeno(1,2,3-cd)pyrene	28.706	276	6258553m	45.652	ng		
88)	Benzo(b)fluoranthene	23.866	252	5167104	44.824	ng		100
89)	Benzo(k)fluoranthene	23.936	252	5126456	43.549	ng		100
90)	Benzo(a)pyrene	24.760	252	4887756	46.153	ng		99
91)	Dibenzo(a,h)anthracene	28.795	278	5209206	46.693	ng		99
92)	Benzo(g,h,i)perylene	29.865	276	5120616	47.697	ng		99

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

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