Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025727.D
Acq On : 11 Sep 2025 10:18
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 11 16:20:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.760	152	130279	20.000	ng		0.00
21) Naphthalene-d8	10.525	136	533074	20.000	ng		0.00
39) Acenaphthene-d10	14.366	164	373569	20.000	ng		-0.01
64) Phenanthrene-d10	17.183	188	783581	20.000	ng		0.00
76) Chrysene-d12	21.636	240	866064	20.000	ng		0.00
86) Perylene-d12	24.989	264	954952	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.390	112	146309	18.121	ng		0.00
7) Phenol-d6	6.949	99	190237	17.726	ng		0.00
23) Nitrobenzene-d5	8.902	82	218368	18.070	ng		0.00
42) 2,4,6-Tribromophenol	15.895	330	84835	18.207	ng		-0.01
45) 2-Fluorobiphenyl	12.984	172	548995	19.568	ng		0.00
79) Terphenyl-d14	19.907	244	946504	19.661	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	32347	9.545	ng		98
3) Pyridine	3.714	79	85764	9.191	ng		98
4) n-Nitrosodimethylamine	3.619	42	41618	9.452	ng		98
6) Aniline	7.096	93	129012	8.757	ng		98
8) 2-Chlorophenol	7.337	128	77937	8.799	ng		98
9) Benzaldehyde	6.913	77	67547m	10.513	ng		
10) Phenol	6.978	94	99362	8.781	ng		99
11) bis(2-Chloroethyl)ether	7.190	93	79609	8.756	ng		99
12) 1,3-Dichlorobenzene	7.649	146	94257	9.350	ng		98
13) 1,4-Dichlorobenzene	7.796	146	96090	9.357	ng		99
14) 1,2-Dichlorobenzene	8.107	146	93300	9.352	ng		99
15) Benzyl Alcohol	8.007	79	71103	8.018	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.278	45	138959	9.346	ng		98
17) 2-Methylphenol	8.207	107	67077	8.792	ng		99
18) Hexachloroethane	8.831	117	36252	9.242	ng		95
19) n-Nitroso-di-n-propyla...	8.554	70	68213	9.222	ng		98
20) 3+4-Methylphenols	8.537	107	88058	8.241	ng		99
22) Acetophenone	8.572	105	130184	9.138	ng	#	97
24) Nitrobenzene	8.943	77	96781	8.927	ng		97
25) Isophorone	9.466	82	193432	9.106	ng		98
26) 2-Nitrophenol	9.654	139	41028	8.524	ng		93
27) 2,4-Dimethylphenol	9.719	122	76321	9.038	ng		94
28) bis(2-Chloroethoxy)met...	9.937	93	112758	9.183	ng		99
29) 2,4-Dichlorophenol	10.207	162	71856	8.535	ng		96
30) 1,2,4-Trichlorobenzene	10.390	180	89376	9.419	ng		99
31) Naphthalene	10.572	128	274007	9.533	ng		99
32) Benzoic acid	9.837	122	45191m	7.198	ng		
33) 4-Chloroaniline	10.696	127	104287	8.705	ng		98
34) Hexachlorobutadiene	10.860	225	58279	9.541	ng		98
35) Caprolactam	11.466	113	28000m	8.645	ng		
36) 4-Chloro-3-methylphenol	11.825	107	90104	8.976	ng		97
37) 2-Methylnaphthalene	12.184	142	170398	9.230	ng		99
38) 1-Methylnaphthalene	12.401	142	184127	9.353	ng		97
40) 1,2,4,5-Tetrachloroben...	12.554	216	104709	9.250	ng		100
41) Hexachlorocyclopentadiene	12.531	237	42087	6.826	ng		94
43) 2,4,6-Trichlorophenol	12.807	196	66063	8.877	ng		98

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44) 2,4,5-Trichlorophenol	12.890	196	72578	8.763	ng		95
46) 1,1'-Biphenyl	13.195	154	256914	9.370	ng		99
47) 2-Chloronaphthalene	13.242	162	203648	9.432	ng		99
48) 2-Nitroaniline	13.454	65	61991	8.613	ng		97
49) Acenaphthylene	14.089	152	334623	9.354	ng		99
50) Dimethylphthalate	13.825	163	267725	9.387	ng		99
51) 2,6-Dinitrotoluene	13.942	165	54414	9.005	ng		99
52) Acenaphthene	14.437	154	196467	9.523	ng		100
53) 3-Nitroaniline	14.284	138	52642	8.285	ng		98
54) 2,4-Dinitrophenol	14.513	184	20208	9.658	ng		96
55) Dibenzofuran	14.778	168	327607	9.743	ng		99
56) 4-Nitrophenol	14.648	139	27599	9.243	ng		88
57) 2,4-Dinitrotoluene	14.748	165	74291	8.639	ng		99
58) Fluorene	15.436	166	258111	9.654	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.013	232	67402	9.034	ng		100
60) Diethylphthalate	15.213	149	274993	9.505	ng		100
61) 4-Chlorophenyl-phenyle...	15.431	204	130552	9.689	ng		98
62) 4-Nitroaniline	15.472	138	52570	8.082	ng		94
63) Azobenzene	15.731	77	258320	9.235	ng		99
65) 4,6-Dinitro-2-methylph...	15.536	198	36614	7.026	ng		94
66) n-Nitrosodiphenylamine	15.654	169	224671	9.369	ng		99
67) 4-Bromophenyl-phenylether	16.354	248	79245	9.206	ng		98
68) Hexachlorobenzene	16.472	284	90039	9.379	ng		99
69) Atrazine	16.636	200	82175	8.965	ng		98
70) Pentachlorophenol	16.836	266	51635	8.150	ng		93
71) Phenanthrene	17.230	178	429178	9.655	ng		99
72) Anthracene	17.325	178	425513	9.435	ng		98
73) Carbazole	17.607	167	390923	9.323	ng		99
74) Di-n-butylphthalate	18.189	149	475436	9.240	ng		99
75) Fluoranthene	19.319	202	507116	9.513	ng		100
77) Benzidine	19.525	184	226459	9.078	ng		100
78) Pyrene	19.689	202	538053	9.311	ng		98
80) Butylbenzylphthalate	20.636	149	221238	8.731	ng		95
81) Benzo(a)anthracene	21.613	228	563687	9.507	ng		100
82) 3,3'-Dichlorobenzidine	21.530	252	184095	8.980	ng		100
83) Chrysene	21.683	228	542537	9.599	ng		99
84) Bis(2-ethylhexyl)phtha...	21.542	149	338402	9.129	ng		100
85) Di-n-octyl phthalate	22.818	149	569524	8.637	ng		98
87) Indeno(1,2,3-cd)pyrene	28.789	276	637024	9.173	ng	#	85
88) Benzo(b)fluoranthene	23.918	252	546577	9.360	ng		99
89) Benzo(k)fluoranthene	23.989	252	558830	9.378	ng		99
90) Benzo(a)pyrene	24.830	252	525444	9.188	ng		99
91) Dibenzo(a,h)anthracene	28.871	278	513228	9.031	ng		97
92) Benzo(g,h,i)perylene	29.995	276	514884	9.213	ng		99

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

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