Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101525\
Data File : BP025980.D
Acq On : 15 Oct 2025 22:00
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 15 23:57:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 15 23:48:51 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP101525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.702	152	177295	20.000	ng		0.00
21) Naphthalene-d8	10.460	136	768306	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	518268	20.000	ng		0.00
64) Phenanthrene-d10	17.119	188	996679	20.000	ng		0.00
76) Chrysene-d12	21.566	240	807632	20.000	ng		-0.02
86) Perylene-d12	24.895	264	864728	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.337	112	968706	89.581	ng		0.00
7) Phenol-d6	6.908	99	1352292	89.609	ng		0.00
23) Nitrobenzene-d5	8.849	82	1545537	90.418	ng		0.00
42) 2,4,6-Tribromophenol	15.837	330	647744	92.839	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	3495097	86.437	ng		0.00
79) Terphenyl-d14	19.848	244	4697552	92.957	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.249	88	178286	41.622	ng		99
3) Pyridine	3.655	79	529677	44.313	ng		100
4) n-Nitrosodimethylamine	3.567	42	229849	43.878	ng		98
6) Aniline	7.043	93	892645	44.183	ng		97
8) 2-Chlorophenol	7.284	128	552624	44.097	ng		99
9) Benzaldehyde	6.861	77	623878	77.472	ng		99
10) Phenol	6.931	94	695138	45.623	ng		98
11) bis(2-Chloroethyl)ether	7.131	93	558616	44.964	ng		99
12) 1,3-Dichlorobenzene	7.590	146	603165	43.412	ng		99
13) 1,4-Dichlorobenzene	7.731	146	614487	43.408	ng		100
14) 1,2-Dichlorobenzene	8.049	146	602790	43.528	ng		99
15) Benzyl Alcohol	7.949	79	570671	44.429	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.213	45	829187	43.341	ng		99
17) 2-Methylphenol	8.160	107	483762	44.296	ng		99
18) Hexachloroethane	8.755	117	231156	42.790	ng		98
19) n-Nitroso-di-n-propyla...	8.496	70	485745	45.152	ng		99
20) 3+4-Methylphenols	8.490	107	662570	43.542	ng		99
22) Acetophenone	8.519	105	936798	44.850	ng	#	99
24) Nitrobenzene	8.890	77	685385	45.089	ng		99
25) Isophorone	9.413	82	1363777	44.423	ng		100
26) 2-Nitrophenol	9.596	139	339880	46.170	ng		98
27) 2,4-Dimethylphenol	9.666	122	566196	45.389	ng		100
28) bis(2-Chloroethoxy)met...	9.878	93	800500	44.574	ng		98
29) 2,4-Dichlorophenol	10.143	162	565471	45.494	ng		97
30) 1,2,4-Trichlorobenzene	10.331	180	619429	44.019	ng		98
31) Naphthalene	10.513	128	1817199	43.845	ng		100
32) Benzoic acid	9.896	122	416971	46.128	ng		99
33) 4-Chloroaniline	10.637	127	794662	45.149	ng		99
34) Hexachlorobutadiene	10.790	225	414838	44.545	ng		99
35) Caprolactam	11.460	113	194511	43.975	ng		96
36) 4-Chloro-3-methylphenol	11.784	107	661555	45.334	ng		98
37) 2-Methylnaphthalene	12.125	142	1215966	44.810	ng		99
38) 1-Methylnaphthalene	12.343	142	1244013	43.463	ng		99
40) 1,2,4,5-Tetrachloroben...	12.501	216	752174	44.570	ng		100
41) Hexachlorocyclopentadiene	12.466	237	412448	44.056	ng		99
43) 2,4,6-Trichlorophenol	12.754	196	495655	46.271	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.854	196	534881	45.855	ng	98
46) 1,1'-Biphenyl	13.143	154	1708702	43.646	ng	99
47) 2-Chloronaphthalene	13.190	162	1346897	44.001	ng	99
48) 2-Nitroaniline	13.407	65	440627	46.185	ng	100
49) Acenaphthylene	14.037	152	2150333	43.446	ng	100
50) Dimethylphthalate	13.772	163	1737874	44.364	ng	100
51) 2,6-Dinitrotoluene	13.901	165	384410	45.449	ng	98
52) Acenaphthene	14.378	154	1241535	43.439	ng	99
53) 3-Nitroaniline	14.248	138	388350	46.099	ng	98
54) 2,4-Dinitrophenol	14.472	184	227709	42.362	ng	97
55) Dibenzofuran	14.719	168	2015201	44.034	ng	99
56) 4-Nitrophenol	14.625	139	221366	43.329	ng	95
57) 2,4-Dinitrotoluene	14.707	165	530898	46.324	ng	96
58) Fluorene	15.378	166	1600764	43.531	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.966	232	465063	44.433	ng	99
60) Diethylphthalate	15.154	149	1688804	43.724	ng	99
61) 4-Chlorophenyl-phenyle...	15.372	204	848350	43.871	ng	100
62) 4-Nitroaniline	15.431	138	354510	45.415	ng	97
63) Azobenzene	15.672	77	1581915	43.941	ng	100
65) 4,6-Dinitro-2-methylph...	15.489	198	327378	45.447	ng	95
66) n-Nitrosodiphenylamine	15.595	169	1419790	44.276	ng	98
67) 4-Bromophenyl-phenylether	16.284	248	548125	44.556	ng	98
68) Hexachlorobenzene	16.413	284	595769	43.170	ng	99
69) Atrazine	16.578	200	506529	43.786	ng	97
70) Pentachlorophenol	16.784	266	338383	45.417	ng	97
71) Phenanthrene	17.166	178	2451044	43.390	ng	99
72) Anthracene	17.260	178	2511643	43.528	ng	100
73) Carbazole	17.548	167	2228899	43.819	ng	99
74) Di-n-butylphthalate	18.119	149	2711027	43.308	ng	100
75) Fluoranthene	19.254	202	2733521	42.900	ng	99
77) Benzidine	19.454	184	1965608	75.957	ng	99
78) Pyrene	19.630	202	2748124	46.135	ng	100
80) Butylbenzylphthalate	20.577	149	1060632	44.744	ng	97
81) Benzo(a)anthracene	21.542	228	2483617	44.962	ng	99
82) 3,3'-Dichlorobenzidine	21.472	252	884806	45.012	ng	99
83) Chrysene	21.613	228	2332904	44.171	ng	100
84) Bis(2-ethylhexyl)phtha...	21.460	149	1432786	43.783	ng	100
85) Di-n-octyl phthalate	22.719	149	2484591	44.465	ng	99
87) Indeno(1,2,3-cd)pyrene	28.677	276	2958147m	45.413	ng	
88) Benzo(b)fluoranthene	23.842	252	2354024	43.710	ng	100
89) Benzo(k)fluoranthene	23.913	252	2399876	43.909	ng	99
90) Benzo(a)pyrene	24.736	252	2317166	44.283	ng	100
91) Dibenzo(a,h)anthracene	28.748	278	2436305	45.881	ng	99
92) Benzo(g,h,i)perylene	29.877	276	2363751	45.433	ng	98

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

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