Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 18:24:25 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 :
ICVBP081425

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	174007	20.000	ng		0.00
21) Naphthalene-d8	10.566	136	750079	20.000	ng		0.00
39) Acenaphthene-d10	14.407	164	503239	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	1034378	20.000	ng		0.01
76) Chrysene-d12	21.654	240	1060337	20.000	ng		0.00
86) Perylene-d12	25.024	264	1200519	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	727486	69.430	ng		0.00
7) Phenol-d6	6.966	99	962695	71.663	ng		0.00
23) Nitrobenzene-d5	8.937	82	984441	66.391	ng		0.00
42) 2,4,6-Tribromophenol	15.919	330	484870	71.582	ng		0.00
45) 2-Fluorobiphenyl	13.025	172	2430828	66.016	ng		0.00
79) Terphenyl-d14	19.936	244	3848160	66.399	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	138687	33.792	ng		99
3) Pyridine	3.731	79	403298	35.901	ng		98
4) n-Nitrosodimethylamine	3.631	42	176521	38.115	ng		98
6) Aniline	7.125	93	690437	38.147	ng		99
8) 2-Chlorophenol	7.366	128	455230	38.501	ng		99
9) Benzaldehyde	6.943	77	321335	34.142	ng		96
10) Phenol	6.996	94	541123	38.388	ng		99
11) bis(2-Chloroethyl)ether	7.219	93	421318	38.348	ng		99
12) 1,3-Dichlorobenzene	7.684	146	492014	37.738	ng		100
13) 1,4-Dichlorobenzene	7.825	146	504919	37.890	ng		97
14) 1,2-Dichlorobenzene	8.143	146	487845	37.818	ng		99
15) Benzyl Alcohol	8.025	79	416544	39.025	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	563276	38.271	ng		99
17) 2-Methylphenol	8.225	107	380608	38.877	ng		100
18) Hexachloroethane	8.866	117	186691	38.103	ng		97
19) n-Nitroso-di-n-propyla...	8.590	70	340533	38.270	ng		99
20) 3+4-Methylphenols	8.549	107	524095	38.620	ng		99
22) Acetophenone	8.602	105	718869	38.216	ng	#	99
24) Nitrobenzene	8.978	77	494466	37.313	ng		98
25) Isophorone	9.501	82	993378	37.855	ng		99
26) 2-Nitrophenol	9.678	139	263348	38.722	ng		97
27) 2,4-Dimethylphenol	9.743	122	455078	38.910	ng		99
28) bis(2-Chloroethoxy)met...	9.972	93	599862	37.816	ng		99
29) 2,4-Dichlorophenol	10.213	162	449034	38.649	ng		98
30) 1,2,4-Trichlorobenzene	10.431	180	474183	37.231	ng		98
31) Naphthalene	10.613	128	1459279	37.431	ng		99
32) Benzoic acid	9.884	122	330207	38.242	ng		96
33) 4-Chloroaniline	10.713	127	655135	38.043	ng		99
34) Hexachlorobutadiene	10.901	225	293728	37.031	ng		98
35) Caprolactam	11.501	113	163211	38.310	ng		98
36) 4-Chloro-3-methylphenol	11.837	107	517126	38.789	ng		98
37) 2-Methylnaphthalene	12.219	142	960146	37.845	ng		99
38) 1-Methylnaphthalene	12.443	142	1012844	37.539	ng		99
40) 1,2,4,5-Tetrachloroben...	12.590	216	550777	37.895	ng		100
41) Hexachlorocyclopentadiene	12.572	237	351819	40.074	ng		100
43) 2,4,6-Trichlorophenol	12.831	196	382393	38.972	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	420565	39.108	ng	99
46) 1,1'-Biphenyl	13.237	154	1376834	37.672	ng	99
47) 2-Chloronaphthalene	13.272	162	1072147	37.682	ng	99
48) 2-Nitroaniline	13.472	65	323995	39.081	ng	99
49) Acenaphthylene	14.125	152	1775899	37.720	ng	100
50) Dimethylphthalate	13.860	163	1406620	38.170	ng	100
51) 2,6-Dinitrotoluene	13.972	165	304562	39.211	ng	98
52) Acenaphthene	14.472	154	1018011m	36.837	ng	
53) 3-Nitroaniline	14.301	138	349791	40.027	ng	98
54) 2,4-Dinitrophenol	14.507	184	172743	41.646	ng	100
55) Dibenzofuran	14.813	168	1630744	37.324	ng	100
56) 4-Nitrophenol	14.619	139	284585	39.630	ng	99
57) 2,4-Dinitrotoluene	14.772	165	448143	40.439	ng	98
58) Fluorene	15.478	166	1275341	36.992	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.036	232	371715	39.147	ng	99
60) Diethylphthalate	15.242	149	1415787	37.810	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	627477	36.596	ng	99
62) 4-Nitroaniline	15.484	138	346865	38.717	ng	99
63) Azobenzene	15.766	77	1235242	38.526	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	256111	39.721	ng	99
66) n-Nitrosodiphenylamine	15.684	169	1174244	37.227	ng	100
67) 4-Bromophenyl-phenylether	16.378	248	422072	37.101	ng	96
68) Hexachlorobenzene	16.501	284	488749	37.062	ng	98
69) Atrazine	16.660	200	449555	38.057	ng	100
70) Pentachlorophenol	16.854	266	322435	38.733	ng	98
71) Phenanthrene	17.254	178	2070873	36.445	ng	99
72) Anthracene	17.342	178	2179669	37.563	ng	100
73) Carbazole	17.619	167	2028595	37.116	ng	100
74) Di-n-butylphthalate	18.225	149	2528547	37.602	ng	100
75) Fluoranthene	19.342	202	2540417	37.481	ng	99
77) Benzidine	19.519	184	1529656	42.271	ng	99
78) Pyrene	19.713	202	2577810	37.404	ng	99
80) Butylbenzylphthalate	20.660	149	1199445	38.401	ng	98
81) Benzo(a)anthracene	21.636	228	2583866	36.950	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	1002597	38.038	ng	99
83) Chrysene	21.701	228	2446197	37.353	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	1780746	38.729	ng	100
85) Di-n-octyl phthalate	22.877	149	2998528	37.915	ng	100
87) Indeno(1,2,3-cd)pyrene	28.877	276	3267965	37.119	ng	94
88) Benzo(b)fluoranthene	23.971	252	2616701	36.964	ng	100
89) Benzo(k)fluoranthene	24.042	252	2653905	37.464	ng	99
90) Benzo(a)pyrene	24.871	252	2560692	37.160	ng	100
91) Dibenzo(a,h)anthracene	28.948	278	2697336	37.490	ng	99
92) Benzo(g,h,i)perylene	30.089	276	2632085	37.216	ng	98

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

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