Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025450.D
Acq On : 16 Aug 2025 08:07
Operator : CG/JU
Sample : Q2832-02MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S01MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

Quant Time: Aug 18 01:42:42 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	152685	20.000	ng		0.00
21) Naphthalene-d8	10.554	136	625908	20.000	ng		0.00
39) Acenaphthene-d10	14.407	164	422650	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	867716	20.000	ng		0.00
76) Chrysene-d12	21.642	240	888384	20.000	ng		0.00
86) Perylene-d12	24.995	264	1010794	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	1119343	121.747	ng		0.00
7) Phenol-d6	6.972	99	1387566	117.715	ng		0.00
23) Nitrobenzene-d5	8.931	82	999251	80.759	ng		0.00
42) 2,4,6-Tribromophenol	15.913	330	751556	132.109	ng		0.00
45) 2-Fluorobiphenyl	13.019	172	2314862	74.854	ng		0.00
79) Terphenyl-d14	19.919	244	4060286	83.619	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.343	88	102145	28.364	ng	#	57
3) Pyridine	3.743	79	224666	22.792	ng		95
4) n-Nitrosodimethylamine	3.637	42	148951	36.654	ng		95
6) Aniline	7.125	93	326425	20.553	ng		97
8) 2-Chlorophenol	7.366	128	412450	39.754	ng		99
9) Benzaldehyde	6.943	77	124730	15.103	ng		97
10) Phenol	6.996	94	481135	38.899	ng		96
11) bis(2-Chloroethyl)ether	7.219	93	353365	36.654	ng		99
12) 1,3-Dichlorobenzene	7.684	146	341413	29.843	ng		99
13) 1,4-Dichlorobenzene	7.825	146	358602	30.668	ng		99
14) 1,2-Dichlorobenzene	8.137	146	353942	31.269	ng		98
15) Benzyl Alcohol	8.025	79	398669	42.566	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.313	45	478030	37.015	ng		98
17) 2-Methylphenol	8.225	107	364348	42.413	ng		99
18) Hexachloroethane	8.860	117	128486	29.885	ng		98
19) n-Nitroso-di-n-propyla...	8.584	70	305739	39.158	ng		97
20) 3+4-Methylphenols	8.549	107	516104	43.342	ng		97
22) Acetophenone	8.602	105	611367	38.949	ng	#	98
24) Nitrobenzene	8.966	77	438312	39.637	ng		97
25) Isophorone	9.496	82	921219	42.070	ng		99
26) 2-Nitrophenol	9.672	139	225491	39.733	ng		98
27) 2,4-Dimethylphenol	9.737	122	448844	45.990	ng		100
28) bis(2-Chloroethoxy)met...	9.966	93	545917	41.243	ng		99
29) 2,4-Dichlorophenol	10.207	162	455810	47.015	ng		99
30) 1,2,4-Trichlorobenzene	10.419	180	385424	36.265	ng		96
31) Naphthalene	10.607	128	1245344	38.281	ng		100
32) Benzoic acid	9.849	122	143510	19.917	ng		93
33) 4-Chloroaniline	10.707	127	163507	11.378	ng		98
34) Hexachlorobutadiene	10.896	225	229173	34.625	ng		97
35) Caprolactam	11.490	113	152124m	42.792	ng		
36) 4-Chloro-3-methylphenol	11.837	107	552710	49.683	ng		98
37) 2-Methylnaphthalene	12.213	142	879639	41.550	ng		99
38) 1-Methylnaphthalene	12.431	142	926237	41.140	ng		99
40) 1,2,4,5-Tetrachloroben...	12.584	216	502447	41.162	ng		98
41) Hexachlorocyclopentadiene	12.566	237	500410	67.868	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	394645	47.889	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	434241	48.080	ng	98
46) 1,1'-Biphenyl	13.225	154	1344882	43.814	ng	99
47) 2-Chloronaphthalene	13.266	162	1023664	42.838	ng	99
48) 2-Nitroaniline	13.466	65	360205	51.733	ng	100
49) Acenaphthylene	14.125	152	1762818	44.582	ng	99
50) Dimethylphthalate	13.854	163	1453848	46.974	ng	100
51) 2,6-Dinitrotoluene	13.960	165	324485	49.742	ng	96
52) Acenaphthene	14.472	154	1040070m	44.812	ng	
53) 3-Nitroaniline	14.295	138	219062	29.847	ng	96
54) 2,4-Dinitrophenol	14.507	184	140145	40.229	ng	97
55) Dibenzofuran	14.813	168	1657330	45.165	ng	99
56) 4-Nitrophenol	14.613	139	565622	93.784	ng	89
57) 2,4-Dinitrotoluene	14.772	165	479197	51.486	ng	98
58) Fluorene	15.472	166	1317796	45.512	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.037	232	397256	49.814	ng	97
60) Diethylphthalate	15.237	149	1491282	47.420	ng	100
61) 4-Chlorophenyl-phenyle...	15.466	204	638866	44.365	ng	95
62) 4-Nitroaniline	15.484	138	346090	45.997	ng	95
63) Azobenzene	15.760	77	1340309	49.773	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	152039	28.109	ng	88
66) n-Nitrosodiphenylamine	15.678	169	1245853	47.084	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	434693	45.550	ng	94
68) Hexachlorobenzene	16.495	284	511055	46.197	ng	97
69) Atrazine	16.654	200	445042	44.911	ng	97
70) Pentachlorophenol	16.848	266	616953	88.347	ng	98
71) Phenanthrene	17.248	178	2244223	47.082	ng	100
72) Anthracene	17.336	178	2315498	47.569	ng	100
73) Carbazole	17.619	167	2208948	48.178	ng	99
74) Di-n-butylphthalate	18.213	149	2686045	47.616	ng	100
75) Fluoranthene	19.325	202	2704873	47.573	ng	98
77) Benzidine	19.507	184	829917	27.373	ng	99
78) Pyrene	19.701	202	2846746	49.301	ng	100
80) Butylbenzylphthalate	20.648	149	1296053	49.525	ng	98
81) Benzo(a)anthracene	21.624	228	2793394	47.678	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	778861	35.269	ng	99
83) Chrysene	21.689	228	2666882	48.605	ng	99
84) Bis(2-ethylhexyl)phtha...	21.566	149	1885442	48.943	ng	99
85) Di-n-octyl phthalate	22.854	149	3281395	49.522	ng	99
87) Indeno(1,2,3-cd)pyrene	28.824	276	3572016m	48.187	ng	
88) Benzo(b)fluoranthene	23.936	252	2925656	49.085	ng	99
89) Benzo(k)fluoranthene	24.013	252	2961772	49.657	ng	99
90) Benzo(a)pyrene	24.854	252	2856583	49.235	ng	98
91) Dibenzo(a,h)anthracene	28.906	278	2912079	48.072	ng	99
92) Benzo(g,h,i)perylene	30.012	276	2872944	48.247	ng	99

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

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