Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025449.D
Acq On : 16 Aug 2025 07:26
Operator : CG/JU
Sample : Q2832-02MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S01MS

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

Quant Time: Aug 18 02:41:47 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	164836	20.000	ng		0.00
21) Naphthalene-d8	10.560	136	666618	20.000	ng		0.00
39) Acenaphthene-d10	14.401	164	437299	20.000	ng		0.00
64) Phenanthrene-d10	17.195	188	894593	20.000	ng		0.00
76) Chrysene-d12	21.636	240	925169	20.000	ng		-0.01
86) Perylene-d12	25.012	264	1055241	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1081598	108.969	ng		0.00
7) Phenol-d6	6.966	99	1323326	103.989	ng		0.00
23) Nitrobenzene-d5	8.931	82	966155	73.316	ng		0.00
42) 2,4,6-Tribromophenol	15.907	330	672760	114.297	ng		0.00
45) 2-Fluorobiphenyl	13.013	172	2149000	67.162	ng		0.00
79) Terphenyl-d14	19.919	244	3699534	73.160	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.343	88	97008	24.951	ng	#	53
3) Pyridine	3.737	79	206730	19.427	ng		94
4) n-Nitrosodimethylamine	3.637	42	144247	32.879	ng		92
6) Aniline	7.125	93	281793	16.435	ng		99
8) 2-Chlorophenol	7.366	128	398206	35.552	ng		99
9) Benzaldehyde	6.937	77	116924	13.114	ng		98
10) Phenol	6.996	94	457199	34.239	ng		96
11) bis(2-Chloroethyl)ether	7.219	93	343909	33.044	ng		98
12) 1,3-Dichlorobenzene	7.684	146	330957	26.797	ng		99
13) 1,4-Dichlorobenzene	7.825	146	336224	26.634	ng		98
14) 1,2-Dichlorobenzene	8.137	146	335974	27.494	ng		99
15) Benzyl Alcohol	8.025	79	380155	37.597	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.313	45	471338	33.806	ng		98
17) 2-Methylphenol	8.225	107	347618	37.483	ng		98
18) Hexachloroethane	8.860	117	123377	26.582	ng		97
19) n-Nitroso-di-n-propyla...	8.584	70	292037	34.646	ng		94
20) 3+4-Methylphenols	8.549	107	484739	37.708	ng		97
22) Acetophenone	8.601	105	592958	35.469	ng	#	98
24) Nitrobenzene	8.972	77	420207	35.679	ng		98
25) Isophorone	9.496	82	866135	37.139	ng		99
26) 2-Nitrophenol	9.678	139	211619	35.012	ng		98
27) 2,4-Dimethylphenol	9.737	122	421857	40.585	ng		99
28) bis(2-Chloroethoxy)met...	9.972	93	526459	37.344	ng		99
29) 2,4-Dichlorophenol	10.207	162	421682	40.839	ng		98
30) 1,2,4-Trichlorobenzene	10.425	180	371209	32.795	ng		97
31) Naphthalene	10.613	128	1180434	34.069	ng		100
32) Benzoic acid	9.848	122	150498	19.612	ng		98
33) 4-Chloroaniline	10.713	127	109156	7.132	ng		98
34) Hexachlorobutadiene	10.895	225	215704	30.599	ng		99
35) Caprolactam	11.490	113	142050	37.518	ng		97
36) 4-Chloro-3-methylphenol	11.837	107	508938	42.954	ng		96
37) 2-Methylnaphthalene	12.213	142	832146	36.906	ng		99
38) 1-Methylnaphthalene	12.431	142	883807	36.858	ng		100
40) 1,2,4,5-Tetrachloroben...	12.584	216	472998	37.451	ng		99
41) Hexachlorocyclopentadiene	12.566	237	447911	58.713	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	363433	42.624	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	409062	43.775	ng	98
46) 1,1'-Biphenyl	13.225	154	1262533	39.753	ng	98
47) 2-Chloronaphthalene	13.266	162	968534	39.174	ng	100
48) 2-Nitroaniline	13.460	65	334660	46.454	ng	98
49) Acenaphthylene	14.119	152	1644219	40.190	ng	100
50) Dimethylphthalate	13.848	163	1362837	42.558	ng	100
51) 2,6-Dinitrotoluene	13.966	165	296891	43.987	ng	95
52) Acenaphthene	14.460	154	961954m	40.058	ng	
53) 3-Nitroaniline	14.295	138	187036	24.630	ng	95
54) 2,4-Dinitrophenol	14.501	184	124090	34.427	ng	98
55) Dibenzofuran	14.801	168	1540998	40.588	ng	98
56) 4-Nitrophenol	14.619	139	520865	83.470	ng	93
57) 2,4-Dinitrotoluene	14.766	165	433554	45.022	ng	99
58) Fluorene	15.466	166	1208443	40.337	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.036	232	363324	44.033	ng	98
60) Diethylphthalate	15.231	149	1374758	42.250	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	588951	39.528	ng	94
62) 4-Nitroaniline	15.478	138	310960	39.944	ng	92
63) Azobenzene	15.760	77	1251718	44.926	ng	98
65) 4,6-Dinitro-2-methylph...	15.536	198	128630	23.067	ng	94
66) n-Nitrosodiphenylamine	15.672	169	1151971	42.228	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	400184	40.674	ng	92
68) Hexachlorobenzene	16.489	284	466210	40.877	ng	97
69) Atrazine	16.648	200	399471	39.101	ng	98
70) Pentachlorophenol	16.842	266	522934	72.634	ng	98
71) Phenanthrene	17.242	178	2066337	42.048	ng	99
72) Anthracene	17.336	178	2129148	42.426	ng	99
73) Carbazole	17.613	167	2011095	42.545	ng	99
74) Di-n-butylphthalate	18.207	149	2512101	43.195	ng	100
75) Fluoranthene	19.319	202	2501162	42.668	ng	99
77) Benzidine	19.513	184	347788	11.015	ng	99
78) Pyrene	19.695	202	2593116	43.123	ng	100
80) Butylbenzylphthalate	20.648	149	1185643	43.505	ng	99
81) Benzo(a)anthracene	21.618	228	2564265	42.027	ng	99
82) 3,3'-Dichlorobenzidine	21.536	252	676694	29.424	ng	99
83) Chrysene	21.689	228	2440850	42.717	ng	99
84) Bis(2-ethylhexyl)phtha...	21.566	149	1707026	42.550	ng	99
85) Di-n-octyl phthalate	22.848	149	2973906	43.097	ng	99
87) Indeno(1,2,3-cd)pyrene	28.824	276	3326865	42.990	ng	93
88) Benzo(b)fluoranthene	23.936	252	2691417	43.253	ng	100
89) Benzo(k)fluoranthene	24.012	252	2652463	42.598	ng	99
90) Benzo(a)pyrene	24.854	252	2592886	42.808	ng	100
91) Dibenzo(a,h)anthracene	28.912	278	2726506	43.113	ng	99
92) Benzo(g,h,i)perylene	30.012	276	2678181	43.082	ng	99

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

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