Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On : 29 Oct 2025 16:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.637	152	281938	20.000	ng		-0.05
21) Naphthalene-d8	10.413	136	1165829	20.000	ng		-0.04
39) Acenaphthene-d10	14.313	164	734180	20.000	ng		0.00
64) Phenanthrene-d10	17.125	188	1529844	20.000	ng		0.00
76) Chrysene-d12	21.577	240	1603754	20.000	ng		0.01
86) Perylene-d12	24.901	264	1688986	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.249	112	1169189	68.429	ng		-0.05
7) Phenol-d6	6.807	99	1480783	68.090	ng		-0.05
23) Nitrobenzene-d5	8.784	82	1283881	68.652	ng		-0.04
42) 2,4,6-Tribromophenol	15.830	330	577899	72.809	ng		0.00
45) 2-Fluorobiphenyl	12.913	172	3425177	67.037	ng		-0.02
79) Terphenyl-d14	19.871	244	5329468	67.515	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.214	88	239880	33.303	ng		100
3) Pyridine	3.590	79	668959	32.670	ng		99
4) n-Nitrosodimethylamine	3.508	42	288399	35.142	ng		97
6) Aniline	6.972	93	1040197	35.839	ng		100
8) 2-Chlorophenol	7.202	128	654572	34.596	ng		97
9) Benzaldehyde	6.784	77	520334m	46.027	ng		
10) Phenol	6.831	94	816366	33.813	ng		99
11) bis(2-Chloroethyl)ether	7.066	93	645531	33.880	ng		99
12) 1,3-Dichlorobenzene	7.531	146	750462	34.538	ng		99
13) 1,4-Dichlorobenzene	7.678	146	771097	35.099	ng		98
14) 1,2-Dichlorobenzene	7.990	146	735657	35.092	ng		99
15) Benzyl Alcohol	7.866	79	551625	35.185	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.172	45	965445	33.526	ng		98
17) 2-Methylphenol	8.078	107	553305	34.998	ng		99
18) Hexachloroethane	8.713	117	259803	34.560	ng		100
19) n-Nitroso-di-n-propyla...	8.443	70	490575	36.340	ng		98
20) 3+4-Methylphenols	8.396	107	753178	34.245	ng		98
22) Acetophenone	8.449	105	1054241	35.756	ng	#	98
24) Nitrobenzene	8.825	77	687636	34.825	ng		98
25) Isophorone	9.343	82	1403746	35.069	ng		100
26) 2-Nitrophenol	9.525	139	257308	36.106	ng		97
27) 2,4-Dimethylphenol	9.584	122	632451	37.573	ng		99
28) bis(2-Chloroethoxy)met...	9.837	93	869155	34.454	ng		99
29) 2,4-Dichlorophenol	10.060	162	614929	34.599	ng		99
30) 1,2,4-Trichlorobenzene	10.278	180	684636	35.441	ng		97
31) Naphthalene	10.466	128	2154430	33.888	ng		100
32) Benzoic acid	9.690	122	351760	37.646	ng		98
33) 4-Chloroaniline	10.566	127	949777	38.877	ng		99
34) Hexachlorobutadiene	10.760	225	415865	33.876	ng		99
35) Caprolactam	11.319	113	217407	34.833	ng		96
36) 4-Chloro-3-methylphenol	11.695	107	646328	34.690	ng		98
37) 2-Methylnaphthalene	12.084	142	1378858	30.988	ng		99
38) 1-Methylnaphthalene	12.319	142	1423665	32.934	ng		100
40) 1,2,4,5-Tetrachloroben...	12.460	216	786568	34.481	ng		100
41) Hexachlorocyclopentadiene	12.448	237	393924	47.197	ng		99
43) 2,4,6-Trichlorophenol	12.701	196	489212	36.282	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	543516	35.326	ng	96
46) 1,1'-Biphenyl	13.113	154	1971667	35.073	ng	100
47) 2-Chloronaphthalene	13.154	162	1471874	33.277	ng	98
48) 2-Nitroaniline	13.354	65	374554	33.821	ng	99
49) Acenaphthylene	14.031	152	2509218	38.923	ng	100
50) Dimethylphthalate	13.760	163	1875076	35.112	ng	100
51) 2,6-Dinitrotoluene	13.866	165	367251	37.528	ng	96
52) Acenaphthene	14.378	154	1458746	32.961	ng	99
53) 3-Nitroaniline	14.195	138	425192	36.037	ng	97
54) 2,4-Dinitrophenol	14.413	184	126516	36.040	ng	97
55) Dibenzofuran	14.719	168	2269310	33.938	ng	99
56) 4-Nitrophenol	14.507	139	348249	32.703	ng	97
57) 2,4-Dinitrotoluene	14.678	165	499801	35.013	ng	100
58) Fluorene	15.378	166	1851395	35.342	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.942	232	474164	39.197	ng	99
60) Diethylphthalate	15.166	149	1879900	35.015	ng	99
61) 4-Chlorophenyl-phenyle...	15.389	204	887559	33.928	ng	99
62) 4-Nitroaniline	15.395	138	432391	37.891	ng	98
63) Azobenzene	15.689	77	1705483	35.051	ng	99
65) 4,6-Dinitro-2-methylph...	15.454	198	200079	35.409	ng	93
66) n-Nitrosodiphenylamine	15.601	169	1610105	33.661	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	556621	32.800	ng	98
68) Hexachlorobenzene	16.419	284	633716	32.804	ng	99
69) Atrazine	16.583	200	598775	37.108	ng	97
70) Pentachlorophenol	16.760	266	397848	33.716	ng	99
71) Phenanthrene	17.166	178	2914044	32.726	ng	100
72) Anthracene	17.260	178	2948850	33.409	ng	100
73) Carbazole	17.536	167	2792407	33.421	ng	100
74) Di-n-butylphthalate	18.154	149	3284045	35.126	ng	100
75) Fluoranthene	19.266	202	3440878	33.126	ng	99
77) Benzidine	19.454	184	1960099	48.151	ng	100
78) Pyrene	19.642	202	3569948	32.912	ng	99
80) Butylbenzylphthalate	20.613	149	1317625	33.630	ng	98
81) Benzo(a)anthracene	21.560	228	3642485	33.052	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	1322765	37.253	ng	100
83) Chrysene	21.624	228	3395520	32.526	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	2128720	33.750	ng	99
85) Di-n-octyl phthalate	22.818	149	3214231	33.668	ng	99
87) Indeno(1,2,3-cd)pyrene	28.671	276	4151592m	33.295	ng	
88) Benzo(b)fluoranthene	23.848	252	3575209	34.098	ng	99
89) Benzo(k)fluoranthene	23.930	252	3681173	34.381	ng	100
90) Benzo(a)pyrene	24.742	252	3373695	35.024	ng	99
91) Dibenzo(a,h)anthracene	28.765	278	3437827	33.879	ng	99
92) Benzo(g,h,i)perylene	29.836	276	3306526	33.862	ng	99

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

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