Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.672	152	361595	20.000	ng		0.00
21) Naphthalene-d8	10.443	136	1582932	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	1060115	20.000	ng		0.00
64) Phenanthrene-d10	17.131	188	2119946	20.000	ng		0.00
76) Chrysene-d12	21.577	240	2196318	20.000	ng		0.00
86) Perylene-d12	24.907	264	2586780	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.290	112	1800651	79.929	ng		0.00
7) Phenol-d6	6.855	99	2411815	84.094	ng		0.00
23) Nitrobenzene-d5	8.813	82	2249363	80.717	ng		0.00
42) 2,4,6-Tribromophenol	15.831	330	1107358	80.522	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	5498471	76.016	ng		0.00
79) Terphenyl-d14	19.872	244	8445903	78.411	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	343507	37.593	ng		100
3) Pyridine	3.614	79	1054187	39.921	ng		100
4) n-Nitrosodimethylamine	3.525	42	394191	39.942	ng		97
6) Aniline	7.002	93	1580563	41.740	ng		98
8) 2-Chlorophenol	7.243	128	1055115	41.146	ng		99
9) Benzaldehyde	6.819	77	685617	45.618	ng		100
10) Phenol	6.878	94	1299478	42.060	ng		99
11) bis(2-Chloroethyl)ether	7.102	93	993460	41.067	ng		98
12) 1,3-Dichlorobenzene	7.566	146	1093655	39.587	ng		98
13) 1,4-Dichlorobenzene	7.708	146	1106341	39.742	ng		99
14) 1,2-Dichlorobenzene	8.019	146	1083058	40.516	ng		99
15) Benzyl Alcohol	7.908	79	891170	42.414	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1385943	40.794	ng		99
17) 2-Methylphenol	8.108	107	894546	42.532	ng		100
18) Hexachloroethane	8.743	117	409876	40.466	ng		98
19) n-Nitroso-di-n-propyla...	8.472	70	771683	43.311	ng		99
20) 3+4-Methylphenols	8.437	107	1238228	42.486	ng		100
22) Acetophenone	8.484	105	1599641	39.758	ng	#	99
24) Nitrobenzene	8.855	77	1132232	40.166	ng		98
25) Isophorone	9.384	82	2283034	41.325	ng		99
26) 2-Nitrophenol	9.555	139	600692	42.113	ng		99
27) 2,4-Dimethylphenol	9.625	122	1044113	40.595	ng		99
28) bis(2-Chloroethoxy)met...	9.854	93	1398232	40.412	ng		99
29) 2,4-Dichlorophenol	10.096	162	1058748	41.185	ng		100
30) 1,2,4-Trichlorobenzene	10.302	180	1034416	39.515	ng		98
31) Naphthalene	10.496	128	3382899	39.543	ng		99
32) Benzoic acid	9.778	122	916813	42.328	ng		100
33) 4-Chloroaniline	10.590	127	1497158	41.152	ng		99
34) Hexachlorobutadiene	10.790	225	663620	38.979	ng		99
35) Caprolactam	11.390	113	386416	41.978	ng		99
36) 4-Chloro-3-methylphenol	11.731	107	1169352	42.798	ng		99
37) 2-Methylnaphthalene	12.107	142	2480618	40.901	ng		100
38) 1-Methylnaphthalene	12.325	142	2436446	41.101	ng		100
40) 1,2,4,5-Tetrachloroben...	12.490	216	1239031	38.653	ng		99
41) Hexachlorocyclopentadiene	12.472	237	827636	39.451	ng		99
43) 2,4,6-Trichlorophenol	12.725	196	889628	40.482	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.801	196	986131	40.200	ng	98
46)	1,1'-Biphenyl	13.137	154	3104503	38.891	ng	100
47)	2-Chloronaphthalene	13.178	162	2436522	38.816	ng	100
48)	2-Nitroaniline	13.366	65	731047	41.880	ng	94
49)	Acenaphthylene	14.031	152	4108111	39.676	ng	99
50)	Dimethylphthalate	13.766	163	3116904	39.365	ng	100
51)	2,6-Dinitrotoluene	13.878	165	675339	43.045	ng	100
52)	Acenaphthene	14.378	154	2361523	38.919	ng	99
53)	3-Nitroaniline	14.213	138	782672	42.369	ng	99
54)	2,4-Dinitrophenol	14.419	184	403157	42.569	ng	98
55)	Dibenzofuran	14.719	168	3668770	39.037	ng	100
56)	4-Nitrophenol	14.531	139	673671	40.312	ng	98
57)	2,4-Dinitrotoluene	14.684	165	997423	42.577	ng	99
58)	Fluorene	15.389	166	2894223	38.962	ng	100
59)	2,3,4,6-Tetrachlorophenol	14.954	232	846319	40.668	ng	100
60)	Diethylphthalate	15.160	149	3115428	39.059	ng	99
61)	4-Chlorophenyl-phenyle...	15.384	204	1437111	38.882	ng	100
62)	4-Nitroaniline	15.401	138	780732	40.700	ng	99
63)	Azobenzene	15.684	77	2678923	39.832	ng	99
65)	4,6-Dinitro-2-methylph...	15.460	198	568324	42.199	ng	95
66)	n-Nitrosodiphenylamine	15.607	169	2623713	40.009	ng	100
67)	4-Bromophenyl-phenylether	16.301	248	960730	40.921	ng	99
68)	Hexachlorobenzene	16.419	284	1097761	40.295	ng	96
69)	Atrazine	16.589	200	985277	39.843	ng	99
70)	Pentachlorophenol	16.772	266	775987	40.719	ng	99
71)	Phenanthrene	17.178	178	4768475	39.930	ng	100
72)	Anthracene	17.266	178	4875395	40.026	ng	99
73)	Carbazole	17.536	167	4601692	39.777	ng	100
74)	Di-n-butylphthalate	18.154	149	5331384	38.873	ng	100
75)	Fluoranthene	19.260	202	5678696	39.137	ng	100
77)	Benzidine	19.466	184	2769880	39.739	ng	99
78)	Pyrene	19.636	202	5858930	40.685	ng	99
80)	Butylbenzylphthalate	20.613	149	2485794	39.196	ng	99
81)	Benzo(a)anthracene	21.560	228	5995605	39.748	ng	99
82)	3,3'-Dichlorobenzidine	21.483	252	2205669	40.210	ng	98
83)	Chrysene	21.624	228	5679377	39.951	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.524	149	3741593	38.974	ng	100
85)	Di-n-octyl phthalate	22.807	149	6475670	38.576	ng	99
87)	Indeno(1,2,3-cd)pyrene	28.701	276	7731323m	39.852	ng	
88)	Benzo(b)fluoranthene	23.860	252	6338827	40.239	ng	100
89)	Benzo(k)fluoranthene	23.936	252	6104845	38.799	ng	100
90)	Benzo(a)pyrene	24.754	252	5947125	39.855	ng	100
91)	Dibenzo(a,h)anthracene	28.783	278	6347656	39.970	ng	100
92)	Benzo(g,h,i)perylene	29.859	276	6346496	40.207	ng	100

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

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