Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101525\
Data File : BP025979.D
Acq On : 15 Oct 2025 18:35
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Oct 15 23:12:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 15 23:04:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.696	152	189087	20.000	ng		0.00
21) Naphthalene-d8	10.460	136	853829	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	573100	20.000	ng		0.00
64) Phenanthrene-d10	17.125	188	1099586	20.000	ng		0.00
76) Chrysene-d12	21.577	240	809390	20.000	ng		0.00
86) Perylene-d12	24.918	264	924612	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.337	112	1821228	157.914	ng		0.00
7) Phenol-d6	6.908	99	2602237	161.683	ng		0.00
23) Nitrobenzene-d5	8.855	82	2906298	152.995	ng		0.00
42) 2,4,6-Tribromophenol	15.848	330	1247173	161.650	ng		0.00
45) 2-Fluorobiphenyl	12.931	172	6435200	143.923	ng		0.00
79) Terphenyl-d14	19.854	244	7917555	156.336	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.249	88	319965	70.040	ng		99
3) Pyridine	3.655	79	1002619	78.649	ng		99
4) n-Nitrosodimethylamine	3.561	42	434471	77.768	ng		100
6) Aniline	7.043	93	1750519	81.242	ng		99
8) 2-Chlorophenol	7.278	128	1067041	79.835	ng		99
9) Benzaldehyde	6.861	77	574464	66.887	ng		98
10) Phenol	6.937	94	1362857	83.868	ng		98
11) bis(2-Chloroethyl)ether	7.137	93	1051533	79.361	ng		99
12) 1,3-Dichlorobenzene	7.590	146	1118984	75.514	ng		99
13) 1,4-Dichlorobenzene	7.737	146	1139668	75.487	ng		100
14) 1,2-Dichlorobenzene	8.043	146	1126448	76.269	ng		100
15) Benzyl Alcohol	7.949	79	1106898	80.802	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.219	45	1562552	76.581	ng		99
17) 2-Methylphenol	8.160	107	956854	82.151	ng		99
18) Hexachloroethane	8.760	117	435195	75.537	ng		99
19) n-Nitroso-di-n-propyla...	8.508	70	908299	79.165	ng		98
20) 3+4-Methylphenols	8.490	107	1290002	79.487	ng		97
22) Acetophenone	8.519	105	1761662	75.893	ng	#	99
24) Nitrobenzene	8.896	77	1311475	77.636	ng		98
25) Isophorone	9.425	82	2634496	77.219	ng		100
26) 2-Nitrophenol	9.596	139	668745	81.745	ng		98
27) 2,4-Dimethylphenol	9.666	122	1102040	79.495	ng		99
28) bis(2-Chloroethoxy)met...	9.884	93	1539493	77.137	ng		98
29) 2,4-Dichlorophenol	10.143	162	1132443	81.983	ng		98
30) 1,2,4-Trichlorobenzene	10.331	180	1181311	75.540	ng		97
31) Naphthalene	10.513	128	3444501	74.784	ng		100
32) Benzoic acid	9.943	122	861099	85.553	ng		96
33) 4-Chloroaniline	10.631	127	1569828	80.257	ng		98
34) Hexachlorobutadiene	10.790	225	779931	75.359	ng		100
35) Caprolactam	11.490	113	389337	79.204	ng		95
36) 4-Chloro-3-methylphenol	11.784	107	1299013	80.101	ng		98
37) 2-Methylnaphthalene	12.125	142	2280979	75.638	ng		99
38) 1-Methylnaphthalene	12.343	142	2398064	75.390	ng		100
40) 1,2,4,5-Tetrachloroben...	12.496	216	1431042	76.683	ng		100
41) Hexachlorocyclopentadiene	12.466	237	879241	79.939	ng		100
43) 2,4,6-Trichlorophenol	12.754	196	962749	81.277	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.848	196	1052298	81.582	ng		99
46) 1,1'-Biphenyl	13.143	154	3239748	74.836	ng		99
47) 2-Chloronaphthalene	13.190	162	2557460	75.554	ng		100
48) 2-Nitroaniline	13.407	65	868144	82.291	ng		99
49) Acenaphthylene	14.037	152	4135556	75.562	ng		100
50) Dimethylphthalate	13.784	163	3291729	75.990	ng		100
51) 2,6-Dinitrotoluene	13.901	165	733002	78.371	ng		100
52) Acenaphthene	14.384	154	2361915	74.733	ng		100
53) 3-Nitroaniline	14.248	138	766639	83.284	ng		99
54) 2,4-Dinitrophenol	14.472	184	496006	78.171	ng		95
55) Dibenzofuran	14.731	168	3754843	74.197	ng		99
56) 4-Nitrophenol	14.607	139	516599	91.443	ng		98
57) 2,4-Dinitrotoluene	14.713	165	1000653	78.959	ng		97
58) Fluorene	15.389	166	3035330	74.644	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.972	232	929263	80.289	ng		100
60) Diethylphthalate	15.160	149	3237994	75.812	ng		99
61) 4-Chlorophenyl-phenyle...	15.378	204	1612838	75.425	ng		100
62) 4-Nitroaniline	15.442	138	698625	82.358	ng		98
63) Azobenzene	15.678	77	3039918	76.360	ng		98
65) 4,6-Dinitro-2-methylph...	15.501	198	660428	83.102	ng		97
66) n-Nitrosodiphenylamine	15.601	169	2665421	75.342	ng		100
67) 4-Bromophenyl-phenylether	16.289	248	1064527	78.435	ng		96
68) Hexachlorobenzene	16.419	284	1185605	77.869	ng		98
69) Atrazine	16.584	200	981431	76.899	ng		98
70) Pentachlorophenol	16.784	266	683260	84.702	ng		98
71) Phenanthrene	17.172	178	4551842	73.039	ng		100
72) Anthracene	17.266	178	4682643	73.557	ng		100
73) Carbazole	17.554	167	4116696	73.357	ng		99
74) Di-n-butylphthalate	18.131	149	5042014	73.006	ng		100
75) Fluoranthene	19.266	202	4842528	68.886	ng		98
77) Benzidine	19.460	184	1982980	76.462	ng		100
78) Pyrene	19.642	202	4796481	80.348	ng		100
80) Butylbenzylphthalate	20.577	149	1860728	78.326	ng		98
81) Benzo(a)anthracene	21.554	228	4208838	76.030	ng		99
82) 3,3'-Dichlorobenzidine	21.477	252	1494723	75.874	ng		99
83) Chrysene	21.624	228	3961327	74.840	ng		99
84) Bis(2-ethylhexyl)phtha...	21.477	149	2498012	76.168	ng		99
85) Di-n-octyl phthalate	22.742	149	4469657	79.816	ng		99
87) Indeno(1,2,3-cd)pyrene	28.724	276	5492824	78.864	ng	#	88
88) Benzo(b)fluoranthene	23.854	252	4325350	75.113	ng		100
89) Benzo(k)fluoranthene	23.924	252	4286887	73.354	ng		100
90) Benzo(a)pyrene	24.765	252	4247050	75.907	ng		100
91) Dibenzo(a,h)anthracene	28.783	278	4509812	79.430	ng		99
92) Benzo(g,h,i)perylene	29.912	276	4440642	79.824	ng		98

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

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