Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026305.D
Acq On : 11 Dec 2025 23:26
Operator : RC/JU
Sample : Q3831-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-12102025MSD

Quant Time: Dec 11 23:46:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.649	152	308093	20.000	ng		0.00
21) Naphthalene-d8	10.407	136	1181708	20.000	ng		-0.01
39) Acenaphthene-d10	14.284	164	726915	20.000	ng		0.00
64) Phenanthrene-d10	17.089	188	1403672	20.000	ng		0.00
76) Chrysene-d12	21.524	240	1427006	20.000	ng		-0.01
86) Perylene-d12	24.824	264	1681945	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.278	112	1226287	63.990	ng		0.00
7) Phenol-d6	6.837	99	1505443	62.234	ng		0.00
23) Nitrobenzene-d5	8.790	82	897278	43.220	ng		0.00
42) 2,4,6-Tribromophenol	15.795	330	678752	71.801	ng		-0.01
45) 2-Fluorobiphenyl	12.878	172	2165923	43.320	ng		-0.02
79) Terphenyl-d14	19.819	244	3187738	45.658	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.214	88	251492	32.272	ng		97
3) Pyridine	3.602	79	695094	31.058	ng		99
4) n-Nitrosodimethylamine	3.514	42	312357	37.426	ng		96
6) Aniline	6.984	93	389715	12.277	ng		99
8) 2-Chlorophenol	7.225	128	900342	41.345	ng		98
9) Benzaldehyde	6.802	77	529896	40.634	ng		98
10) Phenol	6.866	94	1034619	39.762	ng		97
11) bis(2-Chloroethyl)ether	7.078	93	766988	37.596	ng		97
12) 1,3-Dichlorobenzene	7.543	146	951054	40.360	ng		100
13) 1,4-Dichlorobenzene	7.684	146	965100	40.643	ng		99
14) 1,2-Dichlorobenzene	7.996	146	938608	41.178	ng		99
15) Benzyl Alcohol	7.884	79	701158	39.873	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.160	45	1022948	35.926	ng		99
17) 2-Methylphenol	8.090	107	713491	40.401	ng		98
18) Hexachloroethane	8.713	117	331767	38.463	ng		96
19) n-Nitroso-di-n-propyla...	8.443	70	555085	37.226	ng		100
20) 3+4-Methylphenols	8.413	107	958481	39.304	ng		99
22) Acetophenone	8.455	105	1200576	40.053	ng	#	99
24) Nitrobenzene	8.831	77	848024	40.411	ng		98
25) Isophorone	9.355	82	1602248	39.338	ng		99
26) 2-Nitrophenol	9.531	139	471352	44.425	ng		97
27) 2,4-Dimethylphenol	9.596	122	797738	42.480	ng		97
28) bis(2-Chloroethoxy)met...	9.831	93	1004645	39.248	ng		99
29) 2,4-Dichlorophenol	10.066	162	849594	44.393	ng		100
30) 1,2,4-Trichlorobenzene	10.272	180	901963	45.848	ng		99
31) Naphthalene	10.460	128	2762178	43.236	ng		99
32) Benzoic acid	9.760	122	618123	41.089	ng		99
33) 4-Chloroaniline	10.566	127	337003	12.592	ng		99
34) Hexachlorobutadiene	10.754	225	588740	45.835	ng		99
35) Caprolactam	11.354	113	252032	37.293	ng		99
36) 4-Chloro-3-methylphenol	11.707	107	852050	42.314	ng		99
37) 2-Methylnaphthalene	12.072	142	1817310	40.361	ng		98
38) 1-Methylnaphthalene	12.296	142	1872210	42.561	ng		100
40) 1,2,4,5-Tetrachloroben...	12.448	216	1018280	45.889	ng		99
41) Hexachlorocyclopentadiene	12.431	237	457282	33.036	ng		98
43) 2,4,6-Trichlorophenol	12.696	196	683710	45.337	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	755518	44.982	ng		98
46) 1,1'-Biphenyl	13.095	154	2320006	42.267	ng		99
47) 2-Chloronaphthalene	13.137	162	1814415	41.956	ng		100
48) 2-Nitroaniline	13.343	65	517832	43.719	ng		98
49) Acenaphthylene	14.001	152	3390401	47.774	ng		99
50) Dimethylphthalate	13.737	163	2198917	40.597	ng		100
51) 2,6-Dinitrotoluene	13.848	165	490437	45.818	ng		98
52) Acenaphthene	14.348	154	1793271	43.215	ng		99
53) 3-Nitroaniline	14.178	138	327951	26.210	ng		97
54) 2,4-Dinitrophenol	14.395	184	351345	61.567	ng		97
55) Dibenzofuran	14.690	168	2875530	44.559	ng		99
56) 4-Nitrophenol	14.513	139	869225	77.801	ng		95
57) 2,4-Dinitrotoluene	14.654	165	688607	43.246	ng		98
58) Fluorene	15.354	166	2385679	46.731	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.919	232	657305	46.236	ng		99
60) Diethylphthalate	15.125	149	2268903	41.765	ng		99
61) 4-Chlorophenyl-phenyle...	15.348	204	1071363	42.089	ng		99
62) 4-Nitroaniline	15.372	138	443570	34.158	ng		94
63) Azobenzene	15.648	77	2041445	44.689	ng		98
65) 4,6-Dinitro-2-methylph...	15.437	198	262874	31.708	ng		96
66) n-Nitrosodiphenylamine	15.566	169	1908494	43.975	ng		100
67) 4-Bromophenyl-phenylether	16.260	248	728681	46.826	ng		95
68) Hexachlorobenzene	16.384	284	847373	46.854	ng		96
69) Atrazine	16.548	200	713066	43.699	ng		98
70) Pentachlorophenol	16.736	266	1169539	93.217	ng		100
71) Phenanthrene	17.131	178	5310559	67.111	ng		100
72) Anthracene	17.225	178	4091552	50.765	ng		100
73) Carbazole	17.507	167	3289207	43.107	ng		99
74) Di-n-butylphthalate	18.101	149	3957013	43.896	ng		100
75) Fluoranthene	19.219	202	7158158	74.329	ng		98
77) Benzidine	19.413	184	1395308	31.143	ng		99
78) Pyrene	19.595	202	7158717	76.983	ng		99
80) Butylbenzylphthalate	20.560	149	1799030	44.082	ng		97
81) Benzo(a)anthracene	21.507	228	5884668	60.116	ng		98
82) 3,3'-Dichlorobenzidine	21.436	252	962745	27.031	ng		100
83) Chrysene	21.572	228	5574837	60.147	ng		98
84) Bis(2-ethylhexyl)phtha...	21.460	149	2641772	43.033	ng	#	99
85) Di-n-octyl phthalate	22.719	149	4604814	42.547	ng		97
87) Indeno(1,2,3-cd)pyrene	28.583	276	6520226	51.294	ng	#	94
88) Benzo(b)fluoranthene	23.789	252	6374966	62.365	ng		99
89) Benzo(k)fluoranthene	23.860	252	5353156	52.353	ng		99
90) Benzo(a)pyrene	24.677	252	5915782	61.032	ng		97
91) Dibenzo(a,h)anthracene	28.653	278	4626624	44.499	ng		98
92) Benzo(g,h,i)perylene	29.742	276	5642340	54.438	ng		96

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

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