Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120525\
Data File : BP026248.D
Acq On : 05 Dec 2025 21:37
Operator : RC/JU
Sample : Q3781-01MSD 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1MSD

Quant Time: Dec 05 22:01:38 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	7.661	152	322677	20.000	ng		0.00
21) Naphthalene-d8	10.425	136	1269400	20.000	ng		0.00
39) Acenaphthene-d10	14.295	164	800896	20.000	ng		0.00
64) Phenanthrene-d10	17.101	188	1594036	20.000	ng		0.00
76) Chrysene-d12	21.542	240	1710595	20.000	ng		0.00
86) Perylene-d12	24.866	264	2008346	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.290	112	626784	31.229	ng		0.01
7) Phenol-d6	6.843	99	782174	30.873	ng		0.00
23) Nitrobenzene-d5	8.802	82	466777	20.930	ng		0.01
42) 2,4,6-Tribromophenol	15.813	330	334514	32.117	ng		0.00
45) 2-Fluorobiphenyl	12.901	172	1143424	20.757	ng		0.00
79) Terphenyl-d14	19.836	244	1618916	19.344	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.220	88	117357	14.379	ng		97
3) Pyridine	3.614	79	338269	14.431	ng		97
4) n-Nitrosodimethylamine	3.520	42	143993	16.473	ng	#	95
6) Aniline	6.996	93	181328	5.454	ng		95
8) 2-Chlorophenol	7.237	128	422187	18.511	ng		98
9) Benzaldehyde	6.808	77	283290	20.742	ng		99
10) Phenol	6.872	94	482360	17.700	ng		98
11) bis(2-Chloroethyl)ether	7.090	93	359426	16.822	ng		98
12) 1,3-Dichlorobenzene	7.555	146	456247	18.487	ng		99
13) 1,4-Dichlorobenzene	7.696	146	459940	18.494	ng		99
14) 1,2-Dichlorobenzene	8.008	146	444977	18.640	ng		100
15) Benzyl Alcohol	7.896	79	329658	17.899	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.178	45	496615	16.653	ng		98
17) 2-Methylphenol	8.102	107	333584	18.035	ng		99
18) Hexachloroethane	8.725	117	140785	15.584	ng		95
19) n-Nitroso-di-n-propyla...	8.455	70	271245	17.368	ng		99
20) 3+4-Methylphenols	8.419	107	442854	17.339	ng		99
22) Acetophenone	8.466	105	572810	17.790	ng		99
24) Nitrobenzene	8.843	77	396350	17.582	ng		98
25) Isophorone	9.366	82	761081	17.395	ng		98
26) 2-Nitrophenol	9.549	139	205417	18.023	ng		98
27) 2,4-Dimethylphenol	9.613	122	375563	18.617	ng		99
28) bis(2-Chloroethoxy)met...	9.843	93	477131	17.352	ng		97
29) 2,4-Dichlorophenol	10.078	162	387445	18.846	ng		100
30) 1,2,4-Trichlorobenzene	10.296	180	425064	20.114	ng		98
31) Naphthalene	10.478	128	1266504	18.455	ng		99
32) Benzoic acid	9.725	122	258717	16.010	ng		95
33) 4-Chloroaniline	10.584	127	172550	6.002	ng		100
34) Hexachlorobutadiene	10.766	225	273993	19.857	ng		99
35) Caprolactam	11.349	113	111547	15.365	ng		99
36) 4-Chloro-3-methylphenol	11.713	107	386574	17.871	ng		99
37) 2-Methylnaphthalene	12.090	142	815657	16.864	ng		100
38) 1-Methylnaphthalene	12.313	142	841173	17.801	ng		100
40) 1,2,4,5-Tetrachloroben...	12.472	216	479165	19.599	ng		99
41) Hexachlorocyclopentadiene	12.449	237	72536	4.756	ng		96
43) 2,4,6-Trichlorophenol	12.707	196	313279	18.855	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.784	196	342952	18.532	ng		99
46) 1,1'-Biphenyl	13.113	154	1140461	18.858	ng		99
47) 2-Chloronaphthalene	13.160	162	881053	18.491	ng		99
48) 2-Nitroaniline	13.348	65	233553	17.897	ng		93
49) Acenaphthylene	14.013	152	1633518	20.892	ng		100
50) Dimethylphthalate	13.748	163	1061629	17.790	ng		100
51) 2,6-Dinitrotoluene	13.866	165	221094	18.747	ng		96
52) Acenaphthene	14.360	154	830723	18.170	ng		99
53) 3-Nitroaniline	14.195	138	136265	9.885	ng		98
54) 2,4-Dinitrophenol	14.401	184	32675	5.197	ng	#	88
55) Dibenzofuran	14.701	168	1330769	18.717	ng		100
56) 4-Nitrophenol	14.525	139	376649	30.598	ng		95
57) 2,4-Dinitrotoluene	14.666	165	303285	17.288	ng		95
58) Fluorene	15.366	166	1072676	19.071	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.937	232	306642	19.577	ng		98
60) Diethylphthalate	15.142	149	1087187	18.164	ng		99
61) 4-Chlorophenyl-phenyle...	15.366	204	521732	18.603	ng		97
62) 4-Nitroaniline	15.372	138	194015	13.560	ng		98
63) Azobenzene	15.666	77	982326	19.518	ng		98
65) 4,6-Dinitro-2-methylph...	15.437	198	31262	3.321	ng		87
66) n-Nitrosodiphenylamine	15.584	169	935732	18.986	ng		99
67) 4-Bromophenyl-phenylether	16.278	248	345333	19.541	ng		99
68) Hexachlorobenzene	16.401	284	390993	19.038	ng		94
69) Atrazine	16.566	200	349500	18.861	ng		99
70) Pentachlorophenol	16.748	266	496385	34.839	ng		98
71) Phenanthrene	17.142	178	1895208	21.090	ng		100
72) Anthracene	17.242	178	1853858	20.254	ng		100
73) Carbazole	17.513	167	1583816	18.278	ng		99
74) Di-n-butylphthalate	18.125	149	1940758	18.958	ng		100
75) Fluoranthene	19.236	202	2383800	21.797	ng		99
77) Benzidine	19.436	184	653929	12.176	ng		98
78) Pyrene	19.613	202	2703030	24.249	ng		99
80) Butylbenzylphthalate	20.578	149	909702	18.595	ng		98
81) Benzo(a)anthracene	21.525	228	2404378	20.490	ng		98
82) 3,3'-Dichlorobenzidine	21.454	252	552779	12.948	ng		98
83) Chrysene	21.595	228	2287714	20.590	ng		99
84) Bis(2-ethylhexyl)phtha...	21.483	149	1357455	18.446	ng	#	99
85) Di-n-octyl phthalate	22.748	149	2399417	18.495	ng	#	100
87) Indeno(1,2,3-cd)pyrene	28.642	276	2768042	18.237	ng	#	73
88) Benzo(b)fluoranthene	23.813	252	2451134	20.082	ng		97
89) Benzo(k)fluoranthene	23.883	252	2338481	19.153	ng		98
90) Benzo(a)pyrene	24.707	252	2385282	20.609	ng		98
91) Dibenzo(a,h)anthracene	28.724	278	2227553	17.943	ng		98
92) Benzo(g,h,i)perylene	29.795	276	2366989	19.125	ng		96

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

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