Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026224.D
Acq On : 03 Dec 2025 12:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Dec 03 13:21:51 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	7.660	152	366422	20.000	ng		0.02
21) Naphthalene-d8	10.419	136	1506565	20.000	ng		0.00
39) Acenaphthene-d10	14.278	164	920814	20.000	ng		-0.02
64) Phenanthrene-d10	17.084	188	1659590	20.000	ng		-0.02
76) Chrysene-d12	21.542	240	1437932	20.000	ng		0.00
86) Perylene-d12	24.836	264	1741659	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.284	112	1749083	76.617	ng		0.03
7) Phenol-d6	6.843	99	2224210	76.531	ng		0.02
23) Nitrobenzene-d5	8.796	82	2102146	79.258	ng		0.01
42) 2,4,6-Tribromophenol	15.801	330	935611	78.325	ng		0.00
45) 2-Fluorobiphenyl	12.896	172	5190625	82.615	ng		0.00
79) Terphenyl-d14	19.836	244	6260972	88.783	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.220	88	358489	38.716	ng		97
3) Pyridine	3.614	79	1012589	37.841	ng		99
4) n-Nitrosodimethylamine	3.525	42	386624	38.659	ng		95
6) Aniline	6.996	93	1429642	37.257	ng		98
8) 2-Chlorophenol	7.231	128	1038179	39.953	ng		100
9) Benzaldehyde	6.813	77	773521	50.789	ng		98
10) Phenol	6.872	94	1195360	38.180	ng		98
11) bis(2-Chloroethyl)ether	7.090	93	951589	38.818	ng		99
12) 1,3-Dichlorobenzene	7.549	146	1120087	40.010	ng		100
13) 1,4-Dichlorobenzene	7.696	146	1128103	39.990	ng		99
14) 1,2-Dichlorobenzene	8.008	146	1084594	40.039	ng		99
15) Benzyl Alcohol	7.896	79	824070	38.704	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.178	45	1360377	39.514	ng		100
17) 2-Methylphenol	8.096	107	830171	38.952	ng		99
18) Hexachloroethane	8.725	117	419059	40.828	ng		98
19) n-Nitroso-di-n-propyla...	8.460	70	700022	38.772	ng		98
20) 3+4-Methylphenols	8.419	107	1118220	37.863	ng		99
22) Acetophenone	8.466	105	1494530	39.028	ng	#	99
24) Nitrobenzene	8.837	77	1068817	39.838	ng		100
25) Isophorone	9.366	82	2018408	38.387	ng		99
26) 2-Nitrophenol	9.543	139	567878	41.830	ng		98
27) 2,4-Dimethylphenol	9.607	122	846975	34.599	ng		99
28) bis(2-Chloroethoxy)met...	9.837	93	1282737	38.953	ng		98
29) 2,4-Dichlorophenol	10.072	162	979839	40.048	ng		99
30) 1,2,4-Trichlorobenzene	10.290	180	1023381	41.076	ng		99
31) Naphthalene	10.472	128	3196553	39.259	ng		99
32) Benzoic acid	9.755	122	715724	34.719	ng		96
33) 4-Chloroaniline	10.572	127	1293137	37.346	ng		99
34) Hexachlorobutadiene	10.760	225	688798	42.508	ng		98
35) Caprolactam	11.366	113	298746	34.099	ng		95
36) 4-Chloro-3-methylphenol	11.707	107	999462	38.434	ng		99
37) 2-Methylnaphthalene	12.084	142	2250929	38.996	ng		99
38) 1-Methylnaphthalene	12.307	142	2215450	39.267	ng		99
40) 1,2,4,5-Tetrachloroben...	12.454	216	1189177	42.710	ng		99
41) Hexachlorocyclopentadiene	12.443	237	577673	31.702	ng		99
43) 2,4,6-Trichlorophenol	12.696	196	791283	41.454	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	874751	41.054	ng	99
46) 1,1'-Biphenyl	13.107	154	2809186	40.515	ng	99
47) 2-Chloronaphthalene	13.148	162	2219775	40.712	ng	100
48) 2-Nitroaniline	13.343	65	584071	38.522	ng	94
49) Acenaphthylene	13.995	152	3548725	39.459	ng	100
50) Dimethylphthalate	13.731	163	2668438	38.799	ng	99
51) 2,6-Dinitrotoluene	13.848	165	561094	41.173	ng	99
52) Acenaphthene	14.342	154	2080894m	39.482	ng	
53) 3-Nitroaniline	14.184	138	576011	35.899	ng	96
54) 2,4-Dinitrophenol	14.384	184	300392	36.517	ng	94
55) Dibenzofuran	14.690	168	3201397	39.217	ng	99
56) 4-Nitrophenol	14.507	139	467538	32.210	ng	96
57) 2,4-Dinitrotoluene	14.642	165	777086	38.190	ng	99
58) Fluorene	15.348	166	2454327	38.038	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.925	232	707322	39.130	ng	99
60) Diethylphthalate	15.131	149	2622122	37.847	ng	100
61) 4-Chlorophenyl-phenyle...	15.348	204	1274639	39.704	ng	98
62) 4-Nitroaniline	15.366	138	547074	32.834	ng	95
63) Azobenzene	15.648	77	2195633	37.585	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	430204	40.804	ng	97
66) n-Nitrosodiphenylamine	15.566	169	2182221	42.507	ng	100
67) 4-Bromophenyl-phenylether	16.272	248	807367	43.928	ng	100
68) Hexachlorobenzene	16.378	284	931137	43.660	ng	97
69) Atrazine	16.554	200	740585	38.255	ng	98
70) Pentachlorophenol	16.731	266	594180	39.828	ng	100
71) Phenanthrene	17.131	178	3727131	39.867	ng	100
72) Anthracene	17.236	178	3862919	40.511	ng	100
73) Carbazole	17.507	167	3312274	36.573	ng	100
74) Di-n-butylphthalate	18.113	149	4063991	37.851	ng	99
75) Fluoranthene	19.230	202	4032816	35.504	ng	98
77) Benzidine	19.430	184	1792217	39.274	ng	100
78) Pyrene	19.607	202	4113429	43.629	ng	99
80) Butylbenzylphthalate	20.572	149	1649583	39.729	ng	98
81) Benzo(a)anthracene	21.519	228	3882169	39.311	ng	99
82) 3,3'-Dichlorobenzidine	21.442	252	1393078	38.791	ng	99
83) Chrysene	21.583	228	3729438	40.071	ng	100
84) Bis(2-ethylhexyl)phtha...	21.472	149	2427378	38.620	ng	99
85) Di-n-octyl phthalate	22.742	149	4199907	38.214	ng	99
87) Indeno(1,2,3-cd)pyrene	28.595	276	5626560	43.076	ng	98
88) Benzo(b)fluoranthene	23.795	252	4128923	38.928	ng	99
89) Benzo(k)fluoranthene	23.860	252	4283449	40.433	ng	100
90) Benzo(a)pyrene	24.671	252	4062346	40.435	ng	99
91) Dibenzo(a,h)anthracene	28.659	278	4582899	42.861	ng	99
92) Benzo(g,h,i)perylene	29.742	276	4568659	42.988	ng	99

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

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