Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026233.D
Acq On : 03 Dec 2025 19:02
Operator : RC/JU
Sample : Q3750-07MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FENCE WC-1MSD

Quant Time: Dec 04 00:04:54 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	7.661	152	284665	20.000	ng	-0.01
21) Naphthalene-d8	10.419	136	1140600	20.000	ng	-0.03
39) Acenaphthene-d10	14.290	164	715634	20.000	ng	-0.04
64) Phenanthrene-d10	17.084	188	1228444	20.000	ng	-0.05
76) Chrysene-d12	21.530	240	1013320	20.000	ng	-0.04
86) Perylene-d12	24.830	264	1210224	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1947204	109.793	ng	0.00
7) Phenol-d6	6.843	99	2323650	102.916	ng	-0.01
23) Nitrobenzene-d5	8.796	82	1579189	78.644	ng	-0.02
42) 2,4,6-Tribromophenol	15.795	330	1105643	119.097	ng	-0.04
45) 2-Fluorobiphenyl	12.896	172	4033336	82.601	ng	-0.04
79) Terphenyl-d14	19.830	244	4669527	93.962	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.231	88	219307	30.487	ng	# 84
3) Pyridine	3.620	79	593116	28.531	ng	99
4) n-Nitrosodimethylamine	3.525	42	285367	36.729	ng	95
6) Aniline	6.996	93	508913	17.071	ng	98
8) 2-Chlorophenol	7.231	128	829594	41.095	ng	100
9) Benzaldehyde	6.808	77	457958	38.705	ng	99
10) Phenol	6.872	94	887123	36.473	ng	98
11) bis(2-Chloroethyl)ether	7.090	93	716145	37.604	ng	98
12) 1,3-Dichlorobenzene	7.549	146	795535	36.578	ng	99
13) 1,4-Dichlorobenzene	7.690	146	816000	37.234	ng	100
14) 1,2-Dichlorobenzene	8.008	146	803296	38.172	ng	99
15) Benzyl Alcohol	7.896	79	691364	41.797	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.172	45	983131	36.758	ng	99
17) 2-Methylphenol	8.096	107	683850	41.301	ng	99
18) Hexachloroethane	8.725	117	289535	36.310	ng	97
19) n-Nitroso-di-n-propyla...	8.455	70	564708	40.260	ng	98
20) 3+4-Methylphenols	8.419	107	925871	40.354	ng	99
22) Acetophenone	8.466	105	1153355	39.782	ng	99
24) Nitrobenzene	8.837	77	812938	40.023	ng	99
25) Isophorone	9.366	82	1638803	41.167	ng	99
26) 2-Nitrophenol	9.537	139	433814	42.208	ng	95
27) 2,4-Dimethylphenol	9.607	122	802513	43.301	ng	99
28) bis(2-Chloroethoxy)met...	9.837	93	1027988	41.233	ng	98
29) 2,4-Dichlorophenol	10.078	162	830248	44.821	ng	99
30) 1,2,4-Trichlorobenzene	10.290	180	807501	42.810	ng	99
31) Naphthalene	10.472	128	2451155	39.764	ng	99
32) Benzoic acid	9.707	122	224233	14.367	ng	98
33) 4-Chloroaniline	10.578	127	190294	7.259	ng	99
34) Hexachlorobutadiene	10.766	225	499345	40.704	ng	99
35) Caprolactam	11.360	113	197260	29.740	ng	95
36) 4-Chloro-3-methylphenol	11.713	107	852729	43.312	ng	100
37) 2-Methylnaphthalene	12.084	142	1656560	37.907	ng	99
38) 1-Methylnaphthalene	12.307	142	1714704	40.143	ng	99
40) 1,2,4,5-Tetrachloroben...	12.460	216	952794	44.032	ng	100
41) Hexachlorocyclopentadiene	12.449	237	1058272	74.727	ng	100
43) 2,4,6-Trichlorophenol	12.701	196	664127	44.768	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	739415	44.652	ng	98
46) 1,1'-Biphenyl	13.107	154	2333206	43.298	ng	99
47) 2-Chloronaphthalene	13.148	162	1824281	43.052	ng	100
48) 2-Nitroaniline	13.348	65	490024	41.585	ng	99
49) Acenaphthylene	14.007	152	3077737	44.034	ng	99
50) Dimethylphthalate	13.743	163	2261923	42.318	ng	100
51) 2,6-Dinitrotoluene	13.854	165	484994	45.793	ng	97
52) Acenaphthene	14.354	154	1692768	41.326	ng	100
53) 3-Nitroaniline	14.184	138	191390	15.348	ng	99
54) 2,4-Dinitrophenol	14.390	184	287514	44.972	ng	95
55) Dibenzofuran	14.690	168	2721372	42.895	ng	98
56) 4-Nitrophenol	14.507	139	653400	57.920	ng	96
57) 2,4-Dinitrotoluene	14.648	165	654576	41.392	ng	100
58) Fluorene	15.348	166	2094894	41.776	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.919	232	610942	43.489	ng	99
60) Diethylphthalate	15.131	149	2186800	40.614	ng	100
61) 4-Chlorophenyl-phenyle...	15.348	204	1063603	42.629	ng	97
62) 4-Nitroaniline	15.360	138	371916	28.721	ng	95
63) Azobenzene	15.648	77	1928373	42.475	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	273234	35.011	ng	98
66) n-Nitrosodiphenylamine	15.566	169	1852915	48.760	ng	100
67) 4-Bromophenyl-phenylether	16.266	248	688420	50.602	ng	98
68) Hexachlorobenzene	16.372	284	773962	49.027	ng	99
69) Atrazine	16.548	200	619531	43.234	ng	98
70) Pentachlorophenol	16.731	266	898474	81.362	ng	99
71) Phenanthrene	17.131	178	3079840	44.506	ng	100
72) Anthracene	17.225	178	3150602	44.638	ng	100
73) Carbazole	17.507	167	2714400	40.491	ng	100
74) Di-n-butylphthalate	18.107	149	3204560	40.322	ng	99
75) Fluoranthene	19.231	202	3167477	37.672	ng	98
77) Benzidine	19.425	184	502196	15.616	ng	99
78) Pyrene	19.601	202	3232883	48.658	ng	99
80) Butylbenzylphthalate	20.566	149	1277167	43.649	ng	98
81) Benzo(a)anthracene	21.513	228	3010751	43.262	ng	100
82) 3,3'-Dichlorobenzidine	21.442	252	476742	18.838	ng	99
83) Chrysene	21.577	228	2954873	45.052	ng	100
84) Bis(2-ethylhexyl)phtha...	21.466	149	1854796	41.876	ng	99
85) Di-n-octyl phthalate	22.730	149	3080000	39.768	ng	99
87) Indeno(1,2,3-cd)pyrene	28.577	276	4243967	46.759	ng	97
88) Benzo(b)fluoranthene	23.783	252	3209674	43.550	ng	99
89) Benzo(k)fluoranthene	23.854	252	3274664	44.485	ng	100
90) Benzo(a)pyrene	24.677	252	3198363	45.814	ng	99
91) Dibenzo(a,h)anthracene	28.677	278	3558291	47.892	ng	98
92) Benzo(g,h,i)perylene	29.724	276	3575968	48.423	ng	98

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

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