Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026207.D
Acq On : 02 Dec 2025 14:31
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Dec 02 14:56:51 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	7.661	152	254761	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	1037369	20.000	ng	-0.02
39) Acenaphthene-d10	14.290	164	667152	20.000	ng	-0.04
64) Phenanthrene-d10	17.095	188	1386120	20.000	ng	-0.04
76) Chrysene-d12	21.542	240	1503999	20.000	ng	-0.03
86) Perylene-d12	24.848	264	1384242	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1231662	77.599	ng	0.00
7) Phenol-d6	6.843	99	1547603	76.590	ng	-0.01
23) Nitrobenzene-d5	8.796	82	1438494	78.766	ng	-0.02
42) 2,4,6-Tribromophenol	15.807	330	735997	85.041	ng	-0.03
45) 2-Fluorobiphenyl	12.896	172	3694101	81.152	ng	-0.04
79) Terphenyl-d14	19.848	244	6408016	86.877	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	249132	38.698	ng	97
3) Pyridine	3.614	79	710689	38.199	ng	98
4) n-Nitrosodimethylamine	3.520	42	266821	38.373	ng	94
6) Aniline	6.996	93	995396	37.310	ng	97
8) 2-Chlorophenol	7.237	128	714606	39.554	ng	99
9) Benzaldehyde	6.808	77	439618	41.516	ng	99
10) Phenol	6.872	94	830166	38.137	ng	99
11) bis(2-Chloroethyl)ether	7.090	93	662933	38.896	ng	98
12) 1,3-Dichlorobenzene	7.555	146	782198	40.187	ng	99
13) 1,4-Dichlorobenzene	7.696	146	783807	39.963	ng	100
14) 1,2-Dichlorobenzene	8.008	146	760964	40.405	ng	99
15) Benzyl Alcohol	7.896	79	558399	37.721	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.184	45	944228	39.447	ng	99
17) 2-Methylphenol	8.096	107	571116	38.542	ng	99
18) Hexachloroethane	8.725	117	292890	41.042	ng	99
19) n-Nitroso-di-n-propyla...	8.455	70	478333	38.105	ng	97
20) 3+4-Methylphenols	8.419	107	770423	37.520	ng	99
22) Acetophenone	8.466	105	1029062	39.027	ng	99
24) Nitrobenzene	8.837	77	724481	39.217	ng	99
25) Isophorone	9.366	82	1377904	38.058	ng	98
26) 2-Nitrophenol	9.543	139	375563	40.176	ng	98
27) 2,4-Dimethylphenol	9.607	122	594480	35.268	ng	98
28) bis(2-Chloroethoxy)met...	9.837	93	872127	38.462	ng	99
29) 2,4-Dichlorophenol	10.072	162	670587	39.804	ng	100
30) 1,2,4-Trichlorobenzene	10.290	180	703709	41.020	ng	98
31) Naphthalene	10.472	128	2229452	39.766	ng	99
32) Benzoic acid	9.731	122	470535	33.149	ng	99
33) 4-Chloroaniline	10.578	127	905492	37.978	ng	100
34) Hexachlorobutadiene	10.766	225	473377	42.427	ng	99
35) Caprolactam	11.354	113	217748	36.096	ng	96
36) 4-Chloro-3-methylphenol	11.713	107	694400	38.780	ng	99
37) 2-Methylnaphthalene	12.090	142	1577711	39.695	ng	99
38) 1-Methylnaphthalene	12.307	142	1553719	39.994	ng	100
40) 1,2,4,5-Tetrachloroben...	12.454	216	830960	41.192	ng	100
41) Hexachlorocyclopentadiene	12.443	237	428064	32.423	ng	99
43) 2,4,6-Trichlorophenol	12.701	196	555239	40.148	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	614789	39.824	ng		99
46) 1,1'-Biphenyl	13.107	154	1962285	39.061	ng		99
47) 2-Chloronaphthalene	13.148	162	1557171	39.419	ng		99
48) 2-Nitroaniline	13.348	65	418912	38.134	ng		94
49) Acenaphthylene	14.007	152	2586692	39.697	ng		100
50) Dimethylphthalate	13.743	163	1971490	39.565	ng		100
51) 2,6-Dinitrotoluene	13.854	165	408712	41.395	ng		99
52) Acenaphthene	14.354	154	1497172	39.207	ng		99
53) 3-Nitroaniline	14.184	138	438471	37.717	ng		99
54) 2,4-Dinitrophenol	14.395	184	217199	36.442	ng		96
55) Dibenzofuran	14.695	168	2378643	40.218	ng		100
56) 4-Nitrophenol	14.507	139	373702	35.534	ng		96
57) 2,4-Dinitrotoluene	14.654	165	601687	40.813	ng		99
58) Fluorene	15.354	166	1870208	40.006	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.931	232	533013	40.699	ng		100
60) Diethylphthalate	15.137	149	2032477	40.491	ng		99
61) 4-Chlorophenyl-phenyle...	15.360	204	949794	40.834	ng		97
62) 4-Nitroaniline	15.372	138	453139	37.537	ng		96
63) Azobenzene	15.660	77	1682281	39.747	ng		99
65) 4,6-Dinitro-2-methylph...	15.431	198	338319	38.420	ng		99
66) n-Nitrosodiphenylamine	15.578	169	1682507	39.239	ng		99
67) 4-Bromophenyl-phenylether	16.278	248	623532	40.619	ng		98
68) Hexachlorobenzene	16.389	284	731570	41.070	ng		97
69) Atrazine	16.560	200	654402	40.473	ng		99
70) Pentachlorophenol	16.742	266	495078	39.732	ng		99
71) Phenanthrene	17.142	178	3103078	39.741	ng		100
72) Anthracene	17.236	178	3236290	40.636	ng		100
73) Carbazole	17.519	167	3001177	39.676	ng		100
74) Di-n-butylphthalate	18.125	149	3690709	41.156	ng		99
75) Fluoranthene	19.242	202	3930397	41.429	ng		99
77) Benzidine	19.442	184	1771939	37.124	ng		100
78) Pyrene	19.619	202	4045119	41.020	ng		100
80) Butylbenzylphthalate	20.583	149	1835923	42.275	ng		100
81) Benzo(a)anthracene	21.525	228	4100568	39.698	ng		100
82) 3,3'-Dichlorobenzidine	21.448	252	1393694	37.103	ng		99
83) Chrysene	21.595	228	3917699	40.245	ng		100
84) Bis(2-ethylhexyl)phtha...	21.483	149	2853181	43.400	ng		100
85) Di-n-octyl phthalate	22.754	149	4627352	40.254	ng		99
87) Indeno(1,2,3-cd)pyrene	28.595	276	3838210	36.972	ng	#	94
88) Benzo(b)fluoranthene	23.807	252	3591691	42.607	ng		99
89) Benzo(k)fluoranthene	23.871	252	3736641	44.379	ng		100
90) Benzo(a)pyrene	24.689	252	3264877	40.888	ng		99
91) Dibenzo(a,h)anthracene	28.683	278	3150150	37.068	ng		99
92) Benzo(g,h,i)perylene	29.753	276	3142532	37.204	ng		98

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

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