Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120825\
Data File : BP026250.D
Acq On : 08 Dec 2025 13:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Dec 08 14:04:14 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	7.654	152	172354	20.000	ng	0.00
21) Naphthalene-d8	10.419	136	649195	20.000	ng	0.00
39) Acenaphthene-d10	14.278	164	411240	20.000	ng	-0.01
64) Phenanthrene-d10	17.095	188	838137	20.000	ng	0.00
76) Chrysene-d12	21.536	240	887981	20.000	ng	0.00
86) Perylene-d12	24.830	264	1051637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	855379	79.788	ng	0.00
7) Phenol-d6	6.843	99	1042710	77.053	ng	0.00
23) Nitrobenzene-d5	8.790	82	952142	83.482	ng	0.00
42) 2,4,6-Tribromophenol	15.801	330	473434	88.525	ng	0.00
45) 2-Fluorobiphenyl	12.895	172	2453616	86.744	ng	0.00
79) Terphenyl-d14	19.830	244	3942307	90.743	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.214	88	182198	41.793	ng	97
3) Pyridine	3.608	79	497812	39.761	ng	99
4) n-Nitrosodimethylamine	3.514	42	182333	39.052	ng	94
6) Aniline	6.990	93	660734	37.209	ng	98
8) 2-Chlorophenol	7.225	128	478302	39.263	ng	99
9) Benzaldehyde	6.807	77	371935	50.983	ng	97
10) Phenol	6.866	94	557824	38.321	ng	98
11) bis(2-Chloroethyl)ether	7.084	93	431018	37.766	ng	98
12) 1,3-Dichlorobenzene	7.549	146	546332	41.444	ng	99
13) 1,4-Dichlorobenzene	7.690	146	546324	41.126	ng	99
14) 1,2-Dichlorobenzene	8.002	146	520840	40.846	ng	99
15) Benzyl Alcohol	7.890	79	379043	38.531	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.178	45	591485	37.133	ng	98
17) 2-Methylphenol	8.096	107	381318	38.597	ng	98
18) Hexachloroethane	8.725	117	200401	41.531	ng	96
19) n-Nitroso-di-n-propyla...	8.449	70	317211	38.027	ng	99
20) 3+4-Methylphenols	8.419	107	511722	37.510	ng	98
22) Acetophenone	8.460	105	681056	41.358	ng	100
24) Nitrobenzene	8.831	77	479012	41.550	ng	100
25) Isophorone	9.360	82	912932	40.799	ng	99
26) 2-Nitrophenol	9.537	139	249465	42.799	ng	98
27) 2,4-Dimethylphenol	9.607	122	400852	38.855	ng	100
28) bis(2-Chloroethoxy)met...	9.831	93	558904	39.744	ng	99
29) 2,4-Dichlorophenol	10.072	162	444691	42.296	ng	100
30) 1,2,4-Trichlorobenzene	10.284	180	470550	43.539	ng	100
31) Naphthalene	10.466	128	1457577	41.530	ng	99
32) Benzoic acid	9.731	122	348516	42.171	ng	98
33) 4-Chloroaniline	10.572	127	595794	40.521	ng	99
34) Hexachlorobutadiene	10.760	225	313417	44.415	ng	99
35) Caprolactam	11.348	113	147966	39.854	ng	95
36) 4-Chloro-3-methylphenol	11.707	107	453780	41.020	ng	97
37) 2-Methylnaphthalene	12.084	142	1024810	41.430	ng	99
38) 1-Methylnaphthalene	12.307	142	1009963	41.793	ng	100
40) 1,2,4,5-Tetrachloroben...	12.454	216	537130	42.787	ng	99
41) Hexachlorocyclopentadiene	12.442	237	335554	42.851	ng	100
43) 2,4,6-Trichlorophenol	12.701	196	361001	42.313	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	400304	42.128	ng		99
46) 1,1'-Biphenyl	13.101	154	1266128	40.773	ng		99
47) 2-Chloronaphthalene	13.142	162	1021509	41.753	ng		100
48) 2-Nitroaniline	13.354	65	274301	40.935	ng		97
49) Acenaphthylene	14.001	152	1692643	42.160	ng		100
50) Dimethylphthalate	13.737	163	1278057	41.709	ng		100
51) 2,6-Dinitrotoluene	13.842	165	256210	42.310	ng		100
52) Acenaphthene	14.348	154	957337	40.780	ng		99
53) 3-Nitroaniline	14.178	138	279419	39.474	ng		100
54) 2,4-Dinitrophenol	14.401	184	134359	41.617	ng		98
55) Dibenzofuran	14.689	168	1549566	42.444	ng		100
56) 4-Nitrophenol	14.501	139	228738	36.189	ng		96
57) 2,4-Dinitrotoluene	14.648	165	385790	42.827	ng		99
58) Fluorene	15.348	166	1243915	43.069	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.919	232	344331	42.813	ng		97
60) Diethylphthalate	15.125	149	1288497	41.924	ng		99
61) 4-Chlorophenyl-phenyle...	15.342	204	624079	43.337	ng		98
62) 4-Nitroaniline	15.360	138	293565	39.960	ng		98
63) Azobenzene	15.642	77	1051983	40.706	ng		99
65) 4,6-Dinitro-2-methylph...	15.431	198	208934	42.207	ng		100
66) n-Nitrosodiphenylamine	15.566	169	1090329	42.075	ng		100
67) 4-Bromophenyl-phenylether	16.260	248	399090	42.951	ng		99
68) Hexachlorobenzene	16.378	284	475465	44.029	ng		98
69) Atrazine	16.554	200	401199	41.177	ng		98
70) Pentachlorophenol	16.736	266	308814	41.222	ng		99
71) Phenanthrene	17.136	178	1996550	42.255	ng		99
72) Anthracene	17.225	178	2017223	41.916	ng		100
73) Carbazole	17.513	167	1852092	40.651	ng		100
74) Di-n-butylphthalate	18.107	149	2318627	43.077	ng		99
75) Fluoranthene	19.224	202	2425289	42.176	ng		99
77) Benzidine	19.419	184	1029985	36.944	ng		99
78) Pyrene	19.601	202	2475548	42.781	ng		100
80) Butylbenzylphthalate	20.571	149	1074936	42.328	ng		97
81) Benzo(a)anthracene	21.518	228	2530947	41.550	ng		99
82) 3,3'-Dichlorobenzidine	21.436	252	907256	40.936	ng		100
83) Chrysene	21.583	228	2405953	41.715	ng		100
84) Bis(2-ethylhexyl)phtha...	21.471	149	1609991	42.146	ng		100
85) Di-n-octyl phthalate	22.742	149	2843483	42.221	ng		100
87) Indeno(1,2,3-cd)pyrene	28.559	276	3297817	41.493	ng	#	92
88) Benzo(b)fluoranthene	23.789	252	2573770	40.270	ng		99
89) Benzo(k)fluoranthene	23.854	252	2664614	41.678	ng		99
90) Benzo(a)pyrene	24.671	252	2514371	41.488	ng		99
91) Dibenzo(a,h)anthracene	28.636	278	2701533	41.557	ng		98
92) Benzo(g,h,i)perylene	29.712	276	2676153	41.295	ng		98

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

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