Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026197.D
Acq On : 01 Dec 2025 14:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 14:29:38 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

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	271172	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	1093509	20.000	ng	-0.02
39) Acenaphthene-d10	14.289	164	683760	20.000	ng	-0.04
64) Phenanthrene-d10	17.101	188	1350551	20.000	ng	-0.03
76) Chrysene-d12	21.542	240	1519755	20.000	ng	-0.03
86) Perylene-d12	24.830	264	1717381	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1283197	75.953	ng	0.00
7) Phenol-d6	6.843	99	1622703	75.446	ng	-0.01
23) Nitrobenzene-d5	8.802	82	1540283	80.010	ng	-0.01
42) 2,4,6-Tribromophenol	15.813	330	713914	80.486	ng	-0.02
45) 2-Fluorobiphenyl	12.901	172	3868910	82.928	ng	-0.03
79) Terphenyl-d14	19.830	244	6044676	81.101	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.219	88	269352	39.307	ng	99
3) Pyridine	3.614	79	744096	37.574	ng	99
4) n-Nitrosodimethylamine	3.525	42	288111	38.927	ng	94
6) Aniline	6.996	93	1054187	37.122	ng	99
8) 2-Chlorophenol	7.237	128	749138	38.956	ng	100
9) Benzaldehyde	6.813	77	457638	40.603	ng	99
10) Phenol	6.872	94	873995	37.721	ng	98
11) bis(2-Chloroethyl)ether	7.096	93	711680	39.229	ng	98
12) 1,3-Dichlorobenzene	7.555	146	829672	40.046	ng	100
13) 1,4-Dichlorobenzene	7.696	146	833634	39.932	ng	99
14) 1,2-Dichlorobenzene	8.007	146	798558	39.835	ng	99
15) Benzyl Alcohol	7.896	79	589490	37.411	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.178	45	1019307	40.007	ng	99
17) 2-Methylphenol	8.096	107	602032	38.169	ng	98
18) Hexachloroethane	8.731	117	310623	40.893	ng	97
19) n-Nitroso-di-n-propyla...	8.460	70	516988	38.692	ng	99
20) 3+4-Methylphenols	8.419	107	810873	37.100	ng	99
22) Acetophenone	8.472	105	1093793	39.353	ng	99
24) Nitrobenzene	8.843	77	777675	39.935	ng	99
25) Isophorone	9.360	82	1493934	39.144	ng	99
26) 2-Nitrophenol	9.543	139	382911	38.860	ng	98
27) 2,4-Dimethylphenol	9.607	122	632302	35.586	ng	98
28) bis(2-Chloroethoxy)met...	9.843	93	932252	39.003	ng	98
29) 2,4-Dichlorophenol	10.072	162	706107	39.761	ng	99
30) 1,2,4-Trichlorobenzene	10.290	180	737552	40.785	ng	99
31) Naphthalene	10.478	128	2362964	39.984	ng	99
32) Benzoic acid	9.743	122	471520	31.513	ng	99
33) 4-Chloroaniline	10.578	127	944636	37.586	ng	99
34) Hexachlorobutadiene	10.766	225	496455	42.211	ng	99
35) Caprolactam	11.360	113	228718	35.968	ng	99
36) 4-Chloro-3-methylphenol	11.713	107	729444	38.646	ng	99
37) 2-Methylnaphthalene	12.095	142	1667759	39.806	ng	100
38) 1-Methylnaphthalene	12.307	142	1642652	40.113	ng	99
40) 1,2,4,5-Tetrachloroben...	12.466	216	867969	41.981	ng	100
41) Hexachlorocyclopentadiene	12.454	237	489314	36.162	ng	99
43) 2,4,6-Trichlorophenol	12.707	196	577007	40.708	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	637633	40.301	ng	99
46) 1,1'-Biphenyl	13.113	154	2066591	40.138	ng	99
47) 2-Chloronaphthalene	13.154	162	1617498	39.951	ng	99
48) 2-Nitroaniline	13.354	65	431659	38.340	ng	98
49) Acenaphthylene	14.013	152	2713386	40.630	ng	100
50) Dimethylphthalate	13.748	163	2046122	40.065	ng	99
51) 2,6-Dinitrotoluene	13.854	165	406005	40.122	ng	98
52) Acenaphthene	14.354	154	1567254	40.046	ng	98
53) 3-Nitroaniline	14.189	138	447093	37.525	ng	100
54) 2,4-Dinitrophenol	14.401	184	218862	35.829	ng	97
55) Dibenzofuran	14.695	168	2445109	40.337	ng	100
56) 4-Nitrophenol	14.513	139	362794	33.659	ng	97
57) 2,4-Dinitrotoluene	14.654	165	607625	40.215	ng	99
58) Fluorene	15.360	166	1953883	40.781	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.919	232	521019	38.817	ng	100
60) Diethylphthalate	15.142	149	2035537	39.567	ng	100
61) 4-Chlorophenyl-phenyle...	15.360	204	977633	41.010	ng	99
62) 4-Nitroaniline	15.372	138	448462	36.247	ng	97
63) Azobenzene	15.660	77	1735358	40.005	ng	99
65) 4,6-Dinitro-2-methylph...	15.436	198	324899	37.868	ng	97
66) n-Nitrosodiphenylamine	15.578	169	1670222	39.978	ng	99
67) 4-Bromophenyl-phenylether	16.272	248	618884	41.378	ng	98
68) Hexachlorobenzene	16.395	284	717606	41.347	ng	99
69) Atrazine	16.554	200	625107	39.679	ng	99
70) Pentachlorophenol	16.742	266	483633	39.836	ng	99
71) Phenanthrene	17.148	178	3102947	40.786	ng	100
72) Anthracene	17.230	178	3093926	39.871	ng	100
73) Carbazole	17.513	167	2901269	39.365	ng	100
74) Di-n-butylphthalate	18.119	149	3579365	40.966	ng	99
75) Fluoranthene	19.236	202	3707799	40.112	ng	99
77) Benzidine	19.430	184	1758500	36.460	ng	100
78) Pyrene	19.613	202	3915294	39.292	ng	100
80) Butylbenzylphthalate	20.577	149	1692248	38.562	ng	99
81) Benzo(a)anthracene	21.524	228	4065927	38.955	ng	100
82) 3,3'-Dichlorobenzidine	21.442	252	1405839	37.038	ng	99
83) Chrysene	21.589	228	3879974	39.444	ng	99
84) Bis(2-ethylhexyl)phtha...	21.483	149	2644895	39.815	ng	100
85) Di-n-octyl phthalate	22.754	149	4477261	38.545	ng	100
87) Indeno(1,2,3-cd)pyrene	28.565	276	5240782m	40.690	ng	
88) Benzo(b)fluoranthene	23.801	252	4174278	39.912	ng	99
89) Benzo(k)fluoranthene	23.865	252	4328254	41.434	ng	99
90) Benzo(a)pyrene	24.677	252	4013897	40.517	ng	98
91) Dibenzo(a,h)anthracene	28.671	278	4291973	40.708	ng	99
92) Benzo(g,h,i)perylene	29.730	276	4299859	41.031	ng	99

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

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