Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110425\
Data File : BP026069.D
Acq On : 04 Nov 2025 13:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Nov 04 13:50:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	286221	20.000	ng	0.00
21) Naphthalene-d8	10.455	136	1078875	20.000	ng	0.00
39) Acenaphthene-d10	14.331	164	626331	20.000	ng	0.01
64) Phenanthrene-d10	17.137	188	1230893	20.000	ng	0.01
76) Chrysene-d12	21.583	240	1400716	20.000	ng	0.02
86) Perylene-d12	24.924	264	1817652	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	1468102	84.638	ng	0.00
7) Phenol-d6	6.861	99	1792673	81.198	ng	0.00
23) Nitrobenzene-d5	8.825	82	1536245	88.768	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	615289	90.868	ng	0.01
45) 2-Fluorobiphenyl	12.943	172	3599907	82.589	ng	0.01
79) Terphenyl-d14	19.878	244	5315062	77.093	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.237	88	305290	41.750	ng	97
3) Pyridine	3.626	79	850010	40.891	ng	97
4) n-Nitrosodimethylamine	3.537	42	321222	38.556	ng	93
6) Aniline	7.019	93	1143371	38.804	ng	97
8) 2-Chlorophenol	7.261	128	806523	41.989	ng	96
9) Benzaldehyde	6.831	77	428182	37.308	ng	98
10) Phenol	6.890	94	966645	39.438	ng	100
11) bis(2-Chloroethyl)ether	7.114	93	739325	38.222	ng	98
12) 1,3-Dichlorobenzene	7.584	146	877602	39.785	ng	99
13) 1,4-Dichlorobenzene	7.719	146	893711	40.072	ng	99
14) 1,2-Dichlorobenzene	8.037	146	842991	39.611	ng	100
15) Benzyl Alcohol	7.919	79	624080	39.211	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.208	45	1028214	35.172	ng	99
17) 2-Methylphenol	8.119	107	637656	39.730	ng	99
18) Hexachloroethane	8.755	117	319504	41.865	ng	99
19) n-Nitroso-di-n-propyla...	8.484	70	512955	37.429	ng	97
20) 3+4-Methylphenols	8.443	107	862643	38.636	ng	99
22) Acetophenone	8.490	105	1090458	39.965	ng	98
24) Nitrobenzene	8.872	77	785073	42.964	ng	99
25) Isophorone	9.390	82	1451805	39.193	ng	99
26) 2-Nitrophenol	9.572	139	380003	56.025	ng	97
27) 2,4-Dimethylphenol	9.637	122	633371	40.660	ng	98
28) bis(2-Chloroethoxy)met...	9.872	93	913281	39.121	ng	99
29) 2,4-Dichlorophenol	10.108	162	714742	43.456	ng	99
30) 1,2,4-Trichlorobenzene	10.325	180	734847	41.106	ng	98
31) Naphthalene	10.508	128	2381845	40.485	ng	100
32) Benzoic acid	9.749	122	486295	50.568	ng	95
33) 4-Chloroaniline	10.607	127	901327	39.868	ng	99
34) Hexachlorobutadiene	10.802	225	472718	41.611	ng	99
35) Caprolactam	11.372	113	231499	40.081	ng	90
36) 4-Chloro-3-methylphenol	11.737	107	712041	41.297	ng	98
37) 2-Methylnaphthalene	12.131	142	1620461	39.353	ng	98
38) 1-Methylnaphthalene	12.343	142	1537330	38.429	ng	99
40) 1,2,4,5-Tetrachloroben...	12.507	216	822356	42.257	ng	100
41) Hexachlorocyclopentadiene	12.490	237	370410	52.021	ng	99
43) 2,4,6-Trichlorophenol	12.737	196	544953	47.375	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.813	196	597454	45.518	ng	99
46) 1,1'-Biphenyl	13.149	154	1952520	40.713	ng	99
47) 2-Chloronaphthalene	13.196	162	1565159	41.479	ng	99
48) 2-Nitroaniline	13.384	65	415625	43.116	ng	96
49) Acenaphthylene	14.043	152	2276347	41.391	ng	99
50) Dimethylphthalate	13.778	163	1836068	40.301	ng	100
51) 2,6-Dinitrotoluene	13.896	165	355478	42.177	ng	98
52) Acenaphthene	14.396	154	1502606	39.798	ng	99
53) 3-Nitroaniline	14.219	138	436237	42.805	ng	98
54) 2,4-Dinitrophenol	14.437	184	174395	51.786	ng	96
55) Dibenzofuran	14.731	168	2276941	39.916	ng	99
56) 4-Nitrophenol	14.531	139	385444	42.428	ng	99
57) 2,4-Dinitrotoluene	14.690	165	531675	42.897	ng	96
58) Fluorene	15.395	166	1791055	40.077	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	485702	47.064	ng	99
60) Diethylphthalate	15.172	149	1806968	39.452	ng	100
61) 4-Chlorophenyl-phenyle...	15.395	204	874381	39.179	ng	99
62) 4-Nitroaniline	15.401	138	457849	47.030	ng	96
63) Azobenzene	15.695	77	1592019	38.353	ng	97
65) 4,6-Dinitro-2-methylph...	15.472	198	261539	51.377	ng	92
66) n-Nitrosodiphenylamine	15.607	169	1554476	40.391	ng	100
67) 4-Bromophenyl-phenylether	16.307	248	559548	40.981	ng	99
68) Hexachlorobenzene	16.431	284	632332	40.682	ng	97
69) Atrazine	16.590	200	535368	41.237	ng	99
70) Pentachlorophenol	16.778	266	434082	45.721	ng	98
71) Phenanthrene	17.184	178	2865452	39.996	ng	100
72) Anthracene	17.272	178	2868381	40.390	ng	100
73) Carbazole	17.548	167	2777271	41.313	ng	100
74) Di-n-butylphthalate	18.166	149	3213289	42.717	ng	100
75) Fluoranthene	19.266	202	3466870	41.483	ng	99
77) Benzidine	19.472	184	1657029	46.606	ng	99
78) Pyrene	19.642	202	3680973	38.855	ng	100
80) Butylbenzylphthalate	20.619	149	1578306	44.861	ng	95
81) Benzo(a)anthracene	21.566	228	3864554	40.150	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	1431095	46.146	ng	99
83) Chrysene	21.630	228	3728837	40.896	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	2362124	42.177	ng	98
85) Di-n-octyl phthalate	22.819	149	4390960	52.660	ng	96
87) Indeno(1,2,3-cd)pyrene	28.718	276	5801669	43.234	ng	97
88) Benzo(b)fluoranthene	23.872	252	4339614	38.459	ng	100
89) Benzo(k)fluoranthene	23.942	252	4356400	37.807	ng	100
90) Benzo(a)pyrene	24.766	252	4206136	40.574	ng	100
91) Dibenzo(a,h)anthracene	28.801	278	4736792	43.376	ng	100
92) Benzo(g,h,i)perylene	29.883	276	4608040	43.850	ng	98

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

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