Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025233.D
Acq On : 23 Jul 2025 21:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 24 01:51:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	486392	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2051102	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1370558	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2883559	20.000	ng	0.00
76) Chrysene-d12	21.342	240	2956396	20.000	ng	0.02
86) Perylene-d12	24.477	264	3473449	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2258261	78.448	ng	0.00
7) Phenol-d6	6.643	99	2924592	82.028	ng	0.00
23) Nitrobenzene-d5	8.566	82	2950379	79.938	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1706747	84.471	ng	0.00
45) 2-Fluorobiphenyl	12.678	172	7695730	79.162	ng	0.00
79) Terphenyl-d14	19.654	244	12406923	82.843	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	397207	36.816	ng	100
3) Pyridine	3.490	79	1109616	38.421	ng	99
4) n-Nitrosodimethylamine	3.402	42	444244	38.788	ng	96
6) Aniline	6.778	93	1898180	40.729	ng	100
8) 2-Chlorophenol	7.013	128	1321396	40.456	ng	98
9) Benzaldehyde	6.596	77	949698	39.287	ng	99
10) Phenol	6.672	94	1508036	40.785	ng	99
11) bis(2-Chloroethyl)ether	6.878	93	1121618	39.567	ng	99
12) 1,3-Dichlorobenzene	7.331	146	1452254	39.538	ng	100
13) 1,4-Dichlorobenzene	7.466	146	1483481	40.012	ng	100
14) 1,2-Dichlorobenzene	7.772	146	1421955	39.868	ng	99
15) Benzyl Alcohol	7.678	79	1059972	41.216	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.954	45	1433241	39.515	ng	99
17) 2-Methylphenol	7.878	107	1060398	41.367	ng	99
18) Hexachloroethane	8.490	117	498970	39.134	ng	99
19) n-Nitroso-di-n-propyla...	8.231	70	883396	41.187	ng	99
20) 3+4-Methylphenols	8.201	107	1460321	41.763	ng	99
22) Acetophenone	8.243	105	1873231	39.248	ng	99
24) Nitrobenzene	8.607	77	1306930	39.723	ng	97
25) Isophorone	9.137	82	2529208	38.968	ng	99
26) 2-Nitrophenol	9.301	139	770795	40.797	ng	99
27) 2,4-Dimethylphenol	9.384	122	1266095	40.048	ng	98
28) bis(2-Chloroethoxy)met...	9.607	93	1570117	38.676	ng	100
29) 2,4-Dichlorophenol	9.843	162	1331278	40.989	ng	99
30) 1,2,4-Trichlorobenzene	10.048	180	1406328	39.643	ng	99
31) Naphthalene	10.231	128	4124668	39.298	ng	99
32) Benzoic acid	9.543	122	1111311	46.045	ng	99
33) 4-Chloroaniline	10.337	127	1869350	40.517	ng	100
34) Hexachlorobutadiene	10.525	225	833477	39.036	ng	99
35) Caprolactam	11.143	113	443549	41.148	ng	99
36) 4-Chloro-3-methylphenol	11.490	107	1351811	41.636	ng	99
37) 2-Methylnaphthalene	11.860	142	2717041	39.866	ng	100
38) 1-Methylnaphthalene	12.072	142	2872029	40.117	ng	99
40) 1,2,4,5-Tetrachloroben...	12.237	216	1614608	39.302	ng	100
41) Hexachlorocyclopentadiene	12.225	237	659255	26.882	ng	100
43) 2,4,6-Trichlorophenol	12.484	196	1136475	40.487	ng	99

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1279374	41.417	ng	99
46) 1,1'-Biphenyl	12.895	154	3887696	39.129	ng	99
47) 2-Chloronaphthalene	12.937	162	3081144	39.721	ng	100
48) 2-Nitroaniline	13.142	65	812555	41.019	ng	98
49) Acenaphthylene	13.784	152	5100046	40.650	ng	100
50) Dimethylphthalate	13.542	163	3880581	39.591	ng	100
51) 2,6-Dinitrotoluene	13.660	165	859297	40.347	ng	99
52) Acenaphthene	14.142	154	2894112	39.892	ng	100
53) 3-Nitroaniline	13.989	138	992269	41.315	ng	96
54) 2,4-Dinitrophenol	14.195	184	359141	28.461	ng	99
55) Dibenzofuran	14.489	168	4655796	39.729	ng	100
56) 4-Nitrophenol	14.331	139	854420	41.574	ng	99
57) 2,4-Dinitrotoluene	14.460	165	1256168	42.136	ng	98
58) Fluorene	15.154	166	3731050	40.103	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.736	232	1154082	42.216	ng	100
60) Diethylphthalate	14.948	149	3906414	40.436	ng	100
61) 4-Chlorophenyl-phenyle...	15.160	204	1876429	39.914	ng	99
62) 4-Nitroaniline	15.178	138	1025103	41.969	ng	99
63) Azobenzene	15.460	77	3222733	40.936	ng	98
65) 4,6-Dinitro-2-methylph...	15.242	198	530459	28.505	ng	99
66) n-Nitrosodiphenylamine	15.378	169	3410177	38.963	ng	98
67) 4-Bromophenyl-phenylether	16.083	248	1314338	39.056	ng	99
68) Hexachlorobenzene	16.189	284	1567252	39.216	ng	97
69) Atrazine	16.372	200	1268958	39.181	ng	99
70) Pentachlorophenol	16.548	266	1130406	41.595	ng	100
71) Phenanthrene	16.942	178	6056777	38.944	ng	100
72) Anthracene	17.030	178	6328083	40.390	ng	100
73) Carbazole	17.313	167	5919022	39.575	ng	99
74) Di-n-butylphthalate	17.942	149	7253259	42.030	ng	99
75) Fluoranthene	19.048	202	7366038	40.243	ng	99
77) Benzidine	19.248	184	4453862	42.911	ng	100
78) Pyrene	19.424	202	7558775	41.466	ng	99
80) Butylbenzylphthalate	20.407	149	3567496	43.234	ng	98
81) Benzo(a)anthracene	21.324	228	7528594	40.325	ng	99
82) 3,3'-Dichlorobenzidine	21.248	252	3114856	40.249	ng	99
83) Chrysene	21.383	228	6971303	40.000	ng	100
84) Bis(2-ethylhexyl)phtha...	21.295	149	5261242	44.592	ng	100
85) Di-n-octyl phthalate	22.507	149	8952122	43.938	ng	99
87) Indeno(1,2,3-cd)pyrene	28.012	276	9723383	38.306	ng	99
88) Benzo(b)fluoranthene	23.489	252	7879892	39.633	ng	99
89) Benzo(k)fluoranthene	23.560	252	7877583	40.134	ng	100
90) Benzo(a)pyrene	24.330	252	7700098	39.694	ng	99
91) Dibenzo(a,h)anthracene	28.089	278	8004435	38.652	ng	99
92) Benzo(g,h,i)perylene	29.106	276	7762421	38.142	ng	98

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

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