Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025155.D
Acq On : 16 Jul 2025 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 14:38:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	564997	20.000	ng	0.00
21) Naphthalene-d8	10.196	136	2237579	20.000	ng	0.01
39) Acenaphthene-d10	14.095	164	1465074	20.000	ng	0.00
64) Phenanthrene-d10	16.930	188	2922940	20.000	ng	0.02
76) Chrysene-d12	21.360	240	2997869	20.000	ng	0.02
86) Perylene-d12	24.501	264	3472368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2547882	79.902	ng	0.00
7) Phenol-d6	6.637	99	3291152	79.090	ng	0.00
23) Nitrobenzene-d5	8.572	82	2820767	83.838	ng	0.00
42) 2,4,6-Tribromophenol	15.631	330	1691627	97.740	ng	0.01
45) 2-Fluorobiphenyl	12.695	172	7286089	77.043	ng	0.00
79) Terphenyl-d14	19.677	244	10940897	80.210	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	459705	37.074	ng	98
3) Pyridine	3.490	79	1295219	38.154	ng	98
4) n-Nitrosodimethylamine	3.408	42	512069	35.626	ng	90
6) Aniline	6.784	93	1528083	39.303	ng	99
8) 2-Chlorophenol	7.019	128	1447361	40.568	ng	98
9) Benzaldehyde	6.602	77	706028	32.488	ng	96
10) Phenol	6.666	94	1639681	38.780	ng	96
11) bis(2-Chloroethyl)ether	6.884	93	1250129	38.418	ng	98
12) 1,3-Dichlorobenzene	7.331	146	1568447	39.280	ng	98
13) 1,4-Dichlorobenzene	7.478	146	1602132	39.630	ng	99
14) 1,2-Dichlorobenzene	7.784	146	1522581	39.152	ng	99
15) Benzyl Alcohol	7.678	79	1127395	40.592	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.972	45	1528381	36.122	ng	98
17) 2-Methylphenol	7.884	107	1107049	40.646	ng	99
18) Hexachloroethane	8.502	117	535091	40.630	ng	98
19) n-Nitroso-di-n-propyla...	8.237	70	969360	39.280	ng	97
20) 3+4-Methylphenols	8.207	107	1528669	40.071	ng	98
22) Acetophenone	8.243	105	2066167	39.045	ng	98
24) Nitrobenzene	8.613	77	1395349	40.716	ng	94
25) Isophorone	9.143	82	2532667	40.280	ng	99
26) 2-Nitrophenol	9.313	139	810527	48.687	ng	96
27) 2,4-Dimethylphenol	9.390	122	960958	40.971	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	1695445	39.712	ng	98
29) 2,4-Dichlorophenol	9.854	162	1422094	43.726	ng	98
30) 1,2,4-Trichlorobenzene	10.060	180	1482294	41.157	ng	99
31) Naphthalene	10.249	128	4529753	39.315	ng	99
32) Benzoic acid	9.543	122	1191237	50.471	ng	94
33) 4-Chloroaniline	10.348	127	1749419	40.686	ng	98
34) Hexachlorobutadiene	10.543	225	868186	42.006	ng	99
35) Caprolactam	11.143	113	468089	42.071	ng	94
36) 4-Chloro-3-methylphenol	11.501	107	1445852	42.541	ng	99
37) 2-Methylnaphthalene	11.872	142	3249124	39.967	ng	100
38) 1-Methylnaphthalene	12.090	142	3163495	39.900	ng	100
40) 1,2,4,5-Tetrachloroben...	12.254	216	1752724	41.626	ng	99
41) Hexachlorocyclopentadiene	12.243	237	536542	48.784	ng	99
43) 2,4,6-Trichlorophenol	12.490	196	1179026	46.244	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1276875	44.191	ng	98
46) 1,1'-Biphenyl	12.913	154	4181055	39.223	ng	99
47) 2-Chloronaphthalene	12.948	162	3210239	40.068	ng	100
48) 2-Nitroaniline	13.148	65	822809	42.274	ng	94
49) Acenaphthylene	13.801	152	4926382	40.174	ng	100
50) Dimethylphthalate	13.560	163	4171124	40.672	ng	99
51) 2,6-Dinitrotoluene	13.672	165	899288	44.961	ng	94
52) Acenaphthene	14.160	154	3094975	39.159	ng	99
53) 3-Nitroaniline	14.001	138	969923	45.249	ng	99
54) 2,4-Dinitrophenol	14.213	184	503837	53.458	ng	92
55) Dibenzofuran	14.513	168	5100382	39.103	ng	99
56) 4-Nitrophenol	14.337	139	872559	44.110	ng	96
57) 2,4-Dinitrotoluene	14.478	165	1229754	42.228	ng	93
58) Fluorene	15.178	166	3939328	39.047	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.754	232	1182265	45.184	ng	95
60) Diethylphthalate	14.972	149	4165539	40.440	ng	99
61) 4-Chlorophenyl-phenyle...	15.184	204	2000871	40.075	ng	98
62) 4-Nitroaniline	15.195	138	1022502	45.492	ng	96
63) Azobenzene	15.484	77	3419319	37.279	ng	97
65) 4,6-Dinitro-2-methylph...	15.260	198	703358	52.312	ng	91
66) n-Nitrosodiphenylamine	15.401	169	3443735	41.168	ng	99
67) 4-Bromophenyl-phenylether	16.107	248	1320894	44.136	ng	98
68) Hexachlorobenzene	16.213	284	1555286	42.517	ng	93
69) Atrazine	16.395	200	1102501	44.978	ng	99
70) Pentachlorophenol	16.566	266	1159837	46.949	ng	99
71) Phenanthrene	16.966	178	6022930	38.563	ng	99
72) Anthracene	17.048	178	5998866	40.035	ng	100
73) Carbazole	17.336	167	5833948	39.821	ng	99
74) Di-n-butylphthalate	17.966	149	7240637	44.381	ng	99
75) Fluoranthene	19.072	202	7332841	40.166	ng	99
77) Benzidine	19.272	184	3039209	57.401	ng	98
78) Pyrene	19.448	202	7585115	40.850	ng	100
80) Butylbenzylphthalate	20.424	149	3246304	45.579	ng	99
81) Benzo(a)anthracene	21.336	228	7249296	39.902	ng	100
82) 3,3'-Dichlorobenzidine	21.271	252	2734732	50.003	ng	100
83) Chrysene	21.401	228	6824902	39.037	ng	100
84) Bis(2-ethylhexyl)phtha...	21.319	149	4748475	48.728	ng	98
85) Di-n-octyl phthalate	22.542	149	8135393	45.843	ng	97
87) Indeno(1,2,3-cd)pyrene	28.030	276	9428099m	42.621	ng	
88) Benzo(b)fluoranthene	23.501	252	7966965	39.419	ng	100
89) Benzo(k)fluoranthene	23.571	252	7588345	37.735	ng	99
90) Benzo(a)pyrene	24.336	252	7086765	41.198	ng	99
91) Dibenzo(a,h)anthracene	28.101	278	7827780	42.809	ng	98
92) Benzo(g,h,i)perylene	29.118	276	7916064	41.908	ng	99

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

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