Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025422.D
Acq On : 15 Aug 2025 10:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 15 11:23:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	163210	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	699113	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	458301	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	913689	20.000	ng	0.00
76) Chrysene-d12	21.648	240	958309	20.000	ng	0.00
86) Perylene-d12	25.012	264	1096861	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	763443	77.682	ng	0.00
7) Phenol-d6	6.966	99	991544	78.694	ng	0.00
23) Nitrobenzene-d5	8.931	82	1096890	79.367	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	483517	78.381	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2530106	75.449	ng	0.00
79) Terphenyl-d14	19.918	244	3932091	75.070	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	143562	37.293	ng	98
3) Pyridine	3.725	79	405696	38.504	ng	96
4) n-Nitrosodimethylamine	3.637	42	179582	41.341	ng	98
6) Aniline	7.119	93	677656	39.917	ng	100
8) 2-Chlorophenol	7.360	128	438538	39.543	ng	98
9) Benzaldehyde	6.937	77	464483	52.616	ng	98
10) Phenol	6.990	94	518982	39.253	ng	97
11) bis(2-Chloroethyl)ether	7.213	93	406260	39.423	ng	98
12) 1,3-Dichlorobenzene	7.678	146	482648	39.468	ng	98
13) 1,4-Dichlorobenzene	7.819	146	483294	38.666	ng	98
14) 1,2-Dichlorobenzene	8.137	146	469905	38.837	ng	97
15) Benzyl Alcohol	8.019	79	402455	40.199	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.307	45	556083	40.282	ng	99
17) 2-Methylphenol	8.219	107	365027	39.752	ng	98
18) Hexachloroethane	8.860	117	181724	39.542	ng	96
19) n-Nitroso-di-n-propyla...	8.584	70	328037	39.304	ng	98
20) 3+4-Methylphenols	8.543	107	503552	39.561	ng	97
22) Acetophenone	8.595	105	680116	38.792	ng	98
24) Nitrobenzene	8.966	77	491654	39.805	ng	99
25) Isophorone	9.495	82	938896	38.387	ng	99
26) 2-Nitrophenol	9.672	139	250121	39.458	ng	98
27) 2,4-Dimethylphenol	9.737	122	425335	39.018	ng	98
28) bis(2-Chloroethoxy)met...	9.960	93	565633	38.258	ng	98
29) 2,4-Dichlorophenol	10.207	162	419343	38.724	ng	100
30) 1,2,4-Trichlorobenzene	10.419	180	450156	37.921	ng	98
31) Naphthalene	10.607	128	1392577	38.324	ng	100
32) Benzoic acid	9.872	122	303683	37.734	ng	94
33) 4-Chloroaniline	10.707	127	628608	39.164	ng	100
34) Hexachlorobutadiene	10.895	225	285751	38.652	ng	97
35) Caprolactam	11.489	113	150695	37.951	ng	96
36) 4-Chloro-3-methylphenol	11.825	107	482622	38.840	ng	98
37) 2-Methylnaphthalene	12.213	142	903084	38.190	ng	98
38) 1-Methylnaphthalene	12.431	142	941493	37.439	ng	100
40) 1,2,4,5-Tetrachloroben...	12.584	216	512464	38.717	ng	100
41) Hexachlorocyclopentadiene	12.566	237	322360	40.319	ng	98
43) 2,4,6-Trichlorophenol	12.819	196	351101	39.291	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.889	196	388369	39.656	ng	99
46) 1,1'-Biphenyl	13.225	154	1287182	38.672	ng	99
47) 2-Chloronaphthalene	13.266	162	1004850	38.780	ng	100
48) 2-Nitroaniline	13.466	65	308875	40.910	ng	98
49) Acenaphthylene	14.125	152	1648885	38.457	ng	100
50) Dimethylphthalate	13.854	163	1276659	38.040	ng	99
51) 2,6-Dinitrotoluene	13.966	165	287385	40.628	ng	98
52) Acenaphthene	14.472	154	949003m	37.707	ng	
53) 3-Nitroaniline	14.295	138	318681	40.043	ng	95
54) 2,4-Dinitrophenol	14.507	184	150322	39.794	ng	96
55) Dibenzofuran	14.813	168	1491927	37.495	ng	100
56) 4-Nitrophenol	14.607	139	260098	39.771	ng	93
57) 2,4-Dinitrotoluene	14.766	165	408919	40.518	ng	95
58) Fluorene	15.472	166	1165482	37.121	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.036	232	345273	39.927	ng	99
60) Diethylphthalate	15.236	149	1297841	38.058	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	575339	36.845	ng	95
62) 4-Nitroaniline	15.483	138	321438	39.397	ng	96
63) Azobenzene	15.760	77	1147009	39.282	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	223566	39.253	ng	96
66) n-Nitrosodiphenylamine	15.672	169	1073233	38.519	ng	99
67) 4-Bromophenyl-phenylether	16.372	248	383814	38.195	ng	97
68) Hexachlorobenzene	16.495	284	442250	37.966	ng	98
69) Atrazine	16.654	200	395168	37.872	ng	98
70) Pentachlorophenol	16.842	266	299142	40.681	ng	96
71) Phenanthrene	17.248	178	1900372	37.862	ng	100
72) Anthracene	17.336	178	1953735	38.117	ng	99
73) Carbazole	17.613	167	1812820	37.549	ng	98
74) Di-n-butylphthalate	18.207	149	2277638	38.345	ng	100
75) Fluoranthene	19.324	202	2258336	37.721	ng	99
77) Benzidine	19.513	184	1861268	56.911	ng	99
78) Pyrene	19.701	202	2359709	37.884	ng	99
80) Butylbenzylphthalate	20.654	149	1064206	37.699	ng	96
81) Benzo(a)anthracene	21.630	228	2390024	37.816	ng	99
82) 3,3'-Dichlorobenzidine	21.536	252	906596	38.057	ng	99
83) Chrysene	21.695	228	2241792	37.876	ng	99
84) Bis(2-ethylhexyl)phtha...	21.571	149	1539693	37.052	ng	100
85) Di-n-octyl phthalate	22.859	149	2645927	37.018	ng	99
87) Indeno(1,2,3-cd)pyrene	28.865	276	3143696	39.082	ng	98
88) Benzo(b)fluoranthene	23.942	252	2512340	38.843	ng	99
89) Benzo(k)fluoranthene	24.012	252	2488345	38.446	ng	99
90) Benzo(a)pyrene	24.853	252	2443181	38.805	ng	99
91) Dibenzo(a,h)anthracene	28.930	278	2595384	39.482	ng	98
92) Benzo(g,h,i)perylene	30.012	276	2536518	39.255	ng	100

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

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