Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024788.D
Acq On : 23 May 2025 11:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 23 12:14:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

05/27/2025
Supervised By :Jagrut Upadhyay

05/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	85825	20.000	ng	-0.02
21) Naphthalene-d8	10.416	136	348651	20.000	ng	-0.02
39) Acenaphthene-d10	14.281	164	223501	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	457187	20.000	ng	-0.01
76) Chrysene-d12	21.510	240	596427	20.000	ng	-0.01
86) Perylene-d12	24.786	264	763679	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	395751	78.867	ng	0.00
7) Phenol-d6	6.852	99	477585	74.573	ng	0.00
23) Nitrobenzene-d5	8.799	82	506139	73.350	ng	-0.01
42) 2,4,6-Tribromophenol	15.810	330	343067	90.543	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1337901	78.425	ng	-0.01
79) Terphenyl-d14	19.804	244	2570522	73.901	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	81566	34.617	ng	97
3) Pyridine	3.617	79	187953	35.974	ng	94
4) n-Nitrosodimethylamine	3.528	42	88218	38.246	ng	90
6) Aniline	6.993	93	299626	36.237	ng	99
8) 2-Chlorophenol	7.228	128	220576	38.722	ng	97
9) Benzaldehyde	6.811	77	141499m	34.132	ng	
10) Phenol	6.875	94	241311	36.507	ng	96
11) bis(2-Chloroethyl)ether	7.081	93	178602	32.883	ng	99
12) 1,3-Dichlorobenzene	7.540	146	246348	37.589	ng	97
13) 1,4-Dichlorobenzene	7.687	146	249931	37.917	ng	99
14) 1,2-Dichlorobenzene	7.993	146	240438	37.434	ng	99
15) Benzyl Alcohol	7.893	79	175852	36.134	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.169	45	206873	31.804	ng	99
17) 2-Methylphenol	8.105	107	175051	36.924	ng	97
18) Hexachloroethane	8.710	117	89993	35.628	ng	96
19) n-Nitroso-di-n-propyla...	8.446	70	149197	33.678	ng	96
20) 3+4-Methylphenols	8.434	107	237941	36.896	ng	99
22) Acetophenone	8.463	105	328325	37.699	ng	97
24) Nitrobenzene	8.840	77	215844	35.545	ng	93
25) Isophorone	9.363	82	416173	34.769	ng	95
26) 2-Nitrophenol	9.540	139	126118	42.384	ng	98
27) 2,4-Dimethylphenol	9.616	122	205205	39.115	ng	99
28) bis(2-Chloroethoxy)met...	9.834	93	240940	33.693	ng	98
29) 2,4-Dichlorophenol	10.093	162	205962	40.513	ng	96
30) 1,2,4-Trichlorobenzene	10.281	180	227074	39.636	ng	96
31) Naphthalene	10.463	128	697623	38.612	ng	100
32) Benzoic acid	9.769	122	122811m	35.863	ng	
33) 4-Chloroaniline	10.587	127	287598	39.447	ng	98
34) Hexachlorobutadiene	10.746	225	147624	39.777	ng	97
35) Caprolactam	11.381	113	72504	39.418	ng	96
36) 4-Chloro-3-methylphenol	11.734	107	233494	37.662	ng	100
37) 2-Methylnaphthalene	12.081	142	442732	37.844	ng	99
38) 1-Methylnaphthalene	12.304	142	471817	37.693	ng	99
40) 1,2,4,5-Tetrachloroben...	12.451	216	260194	40.090	ng	98
41) Hexachlorocyclopentadiene	12.428	237	206151	52.383	ng	97
43) 2,4,6-Trichlorophenol	12.704	196	173668	41.312	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	183134	39.137	ng	97
46) 1,1'-Biphenyl	13.093	154	634461	38.408	ng	99
47) 2-Chloronaphthalene	13.145	162	498522	39.580	ng	99
48) 2-Nitroaniline	13.357	65	138094	37.032	ng	94
49) Acenaphthylene	13.998	152	826636	39.218	ng	99
50) Dimethylphthalate	13.734	163	657364	38.588	ng	100
51) 2,6-Dinitrotoluene	13.863	165	142722	39.670	ng	98
52) Acenaphthene	14.345	154	458801	37.863	ng	99
53) 3-Nitroaniline	14.210	138	144972	39.463	ng	92
54) 2,4-Dinitrophenol	14.428	184	74679	36.684	ng	97
55) Dibenzofuran	14.687	168	745308	38.561	ng	99
56) 4-Nitrophenol	14.575	139	142487	46.665	ng	97
57) 2,4-Dinitrotoluene	14.669	165	206895	40.790	ng	98
58) Fluorene	15.351	166	612974	38.894	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	176811	40.732	ng	96
60) Diethylphthalate	15.128	149	654121	37.991	ng	99
61) 4-Chlorophenyl-phenyle...	15.339	204	305689	38.894	ng	100
62) 4-Nitroaniline	15.392	138	155534m	43.848	ng	
63) Azobenzene	15.639	77	507580	34.460	ng	95
65) 4,6-Dinitro-2-methylph...	15.457	198	118718	40.201	ng	98
66) n-Nitrosodiphenylamine	15.569	169	530766	37.796	ng	99
67) 4-Bromophenyl-phenylether	16.257	248	212590	39.462	ng	96
68) Hexachlorobenzene	16.381	284	282500	41.268	ng	92
69) Atrazine	16.551	200	209568	40.722	ng	98
70) Pentachlorophenol	16.745	266	171807	44.710	ng	100
71) Phenanthrene	17.128	178	976579	38.424	ng	100
72) Anthracene	17.222	178	988928	38.674	ng	100
73) Carbazole	17.510	167	938383	40.545	ng	99
74) Di-n-butylphthalate	18.092	149	1181544	39.695	ng	99
75) Fluoranthene	19.210	202	1201350	40.437	ng	98
77) Benzidine	19.416	184	622255	38.306	ng	99
78) Pyrene	19.586	202	1256486	35.160	ng	100
80) Butylbenzylphthalate	20.533	149	594274	37.391	ng	94
81) Benzo(a)anthracene	21.486	228	1438419	38.409	ng	100
82) 3,3'-Dichlorobenzidine	21.422	252	593871	42.694	ng	99
83) Chrysene	21.557	228	1353357	38.121	ng	100
84) Bis(2-ethylhexyl)phtha...	21.422	149	921536	39.448	ng	98
85) Di-n-octyl phthalate	22.668	149	1612900	42.221	ng	99
87) Indeno(1,2,3-cd)pyrene	28.498	276	2261485	40.563	ng	97
88) Benzo(b)fluoranthene	23.745	252	1646057	37.657	ng	98
89) Benzo(k)fluoranthene	23.815	252	1688631	37.490	ng	99
90) Benzo(a)pyrene	24.633	252	1622584	38.650	ng	98
91) Dibenzo(a,h)anthracene	28.568	278	1853117	40.856	ng	99
92) Benzo(g,h,i)perylene	29.650	276	1811699	40.166	ng	97

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

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