Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024211.D
Acq On : 08 Apr 2025 13:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 14:08:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	417672	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1599401	20.000	ng	-0.04
39) Acenaphthene-d10	14.387	164	884782	20.000	ng	-0.02
64) Phenanthrene-d10	17.204	188	1496179	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1314875	20.000	ng	0.00
86) Perylene-d12	25.045	264	1482251	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2160051	82.554	ng	-0.03
7) Phenol-d6	6.922	99	2767509	79.095	ng	-0.03
23) Nitrobenzene-d5	8.887	82	2351089	82.938	ng	-0.04
42) 2,4,6-Tribromophenol	15.910	330	855806	76.789	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	4921252	82.015	ng	-0.02
79) Terphenyl-d14	19.933	244	5589029	87.742	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	446474	43.047	ng	98
3) Pyridine	3.693	79	1138803	40.164	ng	98
4) n-Nitrosodimethylamine	3.599	42	387336	40.895	ng	98
6) Aniline	7.075	93	1232979	38.677	ng	99
8) 2-Chlorophenol	7.311	128	1128182	39.918	ng	98
9) Benzaldehyde	6.893	77	718139	42.530	ng	98
10) Phenol	6.946	94	1391750	39.401	ng	100
11) bis(2-Chloroethyl)ether	7.169	93	1103890	39.629	ng	99
12) 1,3-Dichlorobenzene	7.628	146	1222363	40.107	ng	100
13) 1,4-Dichlorobenzene	7.775	146	1241956	39.910	ng	99
14) 1,2-Dichlorobenzene	8.087	146	1172482	39.263	ng	99
15) Benzyl Alcohol	7.975	79	859059	38.780	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.264	45	1159861	40.798	ng	97
17) 2-Methylphenol	8.181	107	862191	38.925	ng	99
18) Hexachloroethane	8.811	117	447680	40.550	ng	99
19) n-Nitroso-di-n-propyla...	8.540	70	783983	38.622	ng	99
20) 3+4-Methylphenols	8.505	107	1173563	38.565	ng	100
22) Acetophenone	8.552	105	1622693	40.130	ng	99
24) Nitrobenzene	8.928	77	1155357	41.315	ng	99
25) Isophorone	9.452	82	1954970	40.232	ng	99
26) 2-Nitrophenol	9.634	139	552969	41.396	ng	98
27) 2,4-Dimethylphenol	9.699	122	690386	40.194	ng	100
28) bis(2-Chloroethoxy)met...	9.928	93	1382312	40.436	ng	100
29) 2,4-Dichlorophenol	10.169	162	945582	40.695	ng	99
30) 1,2,4-Trichlorobenzene	10.381	180	1037774	40.425	ng	100
31) Naphthalene	10.569	128	3408979	40.209	ng	100
32) Benzoic acid	9.846	122	652890	38.975	ng	97
33) 4-Chloroaniline	10.681	127	1178228	38.833	ng	99
34) Hexachlorobutadiene	10.852	225	597628	40.450	ng	99
35) Caprolactam	11.469	113	276797	36.348	ng	98
36) 4-Chloro-3-methylphenol	11.810	107	988672	39.442	ng	99
37) 2-Methylnaphthalene	12.187	142	2247240	39.235	ng	99
38) 1-Methylnaphthalene	12.399	142	2181412	39.157	ng	99
40) 1,2,4,5-Tetrachloroben...	12.557	216	1069066	41.799	ng	99
41) Hexachlorocyclopentadiene	12.540	237	387852	42.069	ng	99
43) 2,4,6-Trichlorophenol	12.799	196	687273	42.283	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	735015	41.234	ng	98
46) 1,1'-Biphenyl	13.204	154	2760283	41.516	ng	99
47) 2-Chloronaphthalene	13.252	162	2062992	41.252	ng	99
48) 2-Nitroaniline	13.451	65	545965	42.683	ng	95
49) Acenaphthylene	14.104	152	3148144	41.603	ng	100
50) Dimethylphthalate	13.846	163	2411403	38.950	ng	99
51) 2,6-Dinitrotoluene	13.957	165	524662	40.278	ng	100
52) Acenaphthene	14.451	154	2118846m	43.825	ng	
53) 3-Nitroaniline	14.293	138	549621	39.066	ng	96
54) 2,4-Dinitrophenol	14.504	184	263202	38.187	ng	96
55) Dibenzofuran	14.793	168	3145411	40.164	ng	99
56) 4-Nitrophenol	14.616	139	438355	37.289	ng	93
57) 2,4-Dinitrotoluene	14.757	165	675950	39.285	ng	98
58) Fluorene	15.457	166	2395113	39.253	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	615718	39.095	ng	99
60) Diethylphthalate	15.240	149	2380475	38.612	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1177747	39.353	ng	99
62) 4-Nitroaniline	15.481	138	550942	37.337	ng	98
63) Azobenzene	15.757	77	2396479	41.241	ng	99
65) 4,6-Dinitro-2-methylph...	15.540	198	355454	40.019	ng	98
66) n-Nitrosodiphenylamine	15.675	169	1960186	43.144	ng	99
67) 4-Bromophenyl-phenylether	16.369	248	708196	43.113	ng	97
68) Hexachlorobenzene	16.493	284	817684	42.056	ng	100
69) Atrazine	16.651	200	299567	27.317	ng	99
70) Pentachlorophenol	16.845	266	526505	41.875	ng	99
71) Phenanthrene	17.245	178	3307863	40.470	ng	100
72) Anthracene	17.334	178	3265969	41.026	ng	100
73) Carbazole	17.616	167	3000148	39.079	ng	100
74) Di-n-butylphthalate	18.216	149	3586861	39.357	ng	99
75) Fluoranthene	19.328	202	3500245	36.976	ng	99
77) Benzidine	19.534	184	663514	46.154	ng	100
78) Pyrene	19.704	202	3629606	44.402	ng	99
80) Butylbenzylphthalate	20.657	149	1425388	42.284	ng	100
81) Benzo(a)anthracene	21.633	228	3412419	41.743	ng	100
82) 3,3'-Dichlorobenzidine	21.563	252	1139237	41.580	ng	100
83) Chrysene	21.704	228	3235178	41.167	ng	99
84) Bis(2-ethylhexyl)phtha...	21.575	149	2078574	40.864	ng	100
85) Di-n-octyl phthalate	22.869	149	3199932	39.264	ng	99
87) Indeno(1,2,3-cd)pyrene	28.874	276	4585755	44.328	ng	100
88) Benzo(b)fluoranthene	23.951	252	3630246	40.620	ng	98
89) Benzo(k)fluoranthene	24.027	252	3618543	41.392	ng	100
90) Benzo(a)pyrene	24.869	252	3196190	41.128	ng	99
91) Dibenzo(a,h)anthracene	28.957	278	3823023	44.420	ng	99
92) Benzo(g,h,i)perylene	30.080	276	3939846	45.033	ng	97

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

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