Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021725\
Data File : BP024073.D
Acq On : 17 Feb 2025 14:12
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 18 02:03:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 01:47:18 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	398438	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1506661	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	817827	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1445543	20.000	ng	0.00
76) Chrysene-d12	21.645	240	1488607	20.000	ng	0.00
86) Perylene-d12	25.033	264	1494142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2232229	87.418	ng	0.00
7) Phenol-d6	6.946	99	2806332	85.509	ng	0.00
23) Nitrobenzene-d5	8.910	82	2302539	85.259	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	837277	83.582	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	5094954	87.094	ng	0.00
79) Terphenyl-d14	19.916	244	6453934	85.790	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	424711	42.400	ng	100
3) Pyridine	3.711	79	1129810	43.337	ng	100
4) n-Nitrosodimethylamine	3.617	42	394345	42.688	ng	100
6) Aniline	7.099	93	1264446	42.070	ng	100
8) 2-Chlorophenol	7.334	128	1159071	42.885	ng	100
9) Benzaldehyde	6.911	77	614483	41.010	ng	100
10) Phenol	6.969	94	1381122	41.849	ng	100
11) bis(2-Chloroethyl)ether	7.187	93	1085320	41.754	ng	100
12) 1,3-Dichlorobenzene	7.652	146	1256714	42.326	ng	100
13) 1,4-Dichlorobenzene	7.799	146	1266997	42.195	ng	100
14) 1,2-Dichlorobenzene	8.111	146	1214013	42.128	ng	100
15) Benzyl Alcohol	7.999	79	851796	42.401	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.287	45	1042976	41.334	ng	100
17) 2-Methylphenol	8.205	107	858367	42.681	ng	100
18) Hexachloroethane	8.834	117	452348	41.830	ng	100
19) n-Nitroso-di-n-propyla...	8.558	70	743995	42.162	ng	100
20) 3+4-Methylphenols	8.528	107	1156282	42.263	ng	100
22) Acetophenone	8.575	105	1618999	41.816	ng	100
24) Nitrobenzene	8.952	77	1138713	42.843	ng	100
25) Isophorone	9.475	82	1856740	42.042	ng	100
26) 2-Nitrophenol	9.657	139	539835	44.086	ng	100
27) 2,4-Dimethylphenol	9.722	122	684382	42.578	ng	100
28) bis(2-Chloroethoxy)met...	9.952	93	1325452	41.429	ng	100
29) 2,4-Dichlorophenol	10.193	162	950804	43.345	ng	100
30) 1,2,4-Trichlorobenzene	10.399	180	1062404	42.272	ng	100
31) Naphthalene	10.587	128	3407567	42.062	ng	100
32) Benzoic acid	9.857	122	614425	38.237	ng	100
33) 4-Chloroaniline	10.693	127	1199722	42.037	ng	100
34) Hexachlorobutadiene	10.869	225	622219	42.743	ng	100
35) Caprolactam	11.481	113	271425	38.044	ng	100
36) 4-Chloro-3-methylphenol	11.828	107	958524	42.506	ng	100
37) 2-Methylnaphthalene	12.199	142	2230252	41.420	ng	100
38) 1-Methylnaphthalene	12.416	142	2166108	41.352	ng	100
40) 1,2,4,5-Tetrachloroben...	12.569	216	1103960	43.933	ng	100
41) Hexachlorocyclopentadiene	12.551	237	428075	45.781	ng	100
43) 2,4,6-Trichlorophenol	12.810	196	691454	45.121	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	740246	44.169	ng	100
46) 1,1'-Biphenyl	13.216	154	2666874	41.965	ng	100
47) 2-Chloronaphthalene	13.257	162	2044842	42.565	ng	100
48) 2-Nitroaniline	13.457	65	498538	43.931	ng	100
49) Acenaphthylene	14.110	152	3067503	43.339	ng	100
50) Dimethylphthalate	13.845	163	2364371	40.985	ng	100
51) 2,6-Dinitrotoluene	13.963	165	497472	42.333	ng	100
52) Acenaphthene	14.451	154	1900361	41.693	ng	100
53) 3-Nitroaniline	14.293	138	538142	42.915	ng	100
54) 2,4-Dinitrophenol	14.498	184	254928	37.484	ng	100
55) Dibenzofuran	14.793	168	3108290	41.979	ng	100
56) 4-Nitrophenol	14.616	139	452824	41.805	ng	100
57) 2,4-Dinitrotoluene	14.757	165	659343	43.192	ng	100
58) Fluorene	15.451	166	2446454	42.307	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	614495	42.261	ng	100
60) Diethylphthalate	15.228	149	2347029	40.984	ng	100
61) 4-Chlorophenyl-phenyle...	15.445	204	1189636	41.796	ng	100
62) 4-Nitroaniline	15.475	138	577898	39.548	ng	100
63) Azobenzene	15.745	77	2268918	42.281	ng	100
65) 4,6-Dinitro-2-methylph...	15.528	198	353586	39.321	ng	100
66) n-Nitrosodiphenylamine	15.669	169	1947175	43.195	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	690054	42.510	ng	100
68) Hexachlorobenzene	16.475	284	803320	42.057	ng	100
69) Atrazine	16.645	200	517038	44.693	ng	100
70) Pentachlorophenol	16.834	266	517773	41.737	ng	100
71) Phenanthrene	17.228	178	3433736	42.133	ng	100
72) Anthracene	17.322	178	3388185	43.383	ng	100
73) Carbazole	17.604	167	3208605	43.120	ng	100
74) Di-n-butylphthalate	18.198	149	3720458	42.850	ng	100
75) Fluoranthene	19.316	202	3855922	41.830	ng	100
77) Benzidine	19.516	184	1062729	58.586	ng	100
78) Pyrene	19.692	202	4085840	43.211	ng	100
80) Butylbenzylphthalate	20.651	149	1498674	41.362	ng	100
81) Benzo(a)anthracene	21.627	228	3910920	41.898	ng	100
82) 3,3'-Dichlorobenzidine	21.545	252	1291245	44.269	ng	100
83) Chrysene	21.692	228	3792933	42.140	ng	100
84) Bis(2-ethylhexyl)phtha...	21.569	149	2320794	42.238	ng	100
85) Di-n-octyl phthalate	22.863	149	3454162	39.330	ng	100
87) Indeno(1,2,3-cd)pyrene	28.892	276	4731880m	44.495	ng	
88) Benzo(b)fluoranthene	23.963	252	4074090	42.938	ng	100
89) Benzo(k)fluoranthene	24.033	252	3999830	43.310	ng	100
90) Benzo(a)pyrene	24.874	252	3517674	43.686	ng	100
91) Dibenzo(a,h)anthracene	28.974	278	3976417	44.491	ng	100
92) Benzo(g,h,i)perylene	30.098	276	4055870	44.721	ng	100

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

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