Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
Data File : BP024355.D
Acq On : 21 Apr 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Apr 21 11:42:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	225361	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	931185	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	587370	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1155653	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1242940	20.000	ng	0.00
86) Perylene-d12	24.939	264	1409397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1077034	79.021	ng	0.00
7) Phenol-d6	6.905	99	1448579	77.618	ng	0.00
23) Nitrobenzene-d5	8.863	82	1294804	79.287	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	669540	82.389	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2996734	78.117	ng	0.00
79) Terphenyl-d14	19.875	244	4862859	78.860	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	214927	37.281	ng	98
3) Pyridine	3.681	79	573394	37.666	ng	97
4) n-Nitrosodimethylamine	3.593	42	200706	39.726	ng	94
6) Aniline	7.058	93	642224	38.510	ng	99
8) 2-Chlorophenol	7.299	128	591448	38.867	ng	99
9) Benzaldehyde	6.875	77	376253	40.756	ng	97
10) Phenol	6.934	94	718893	38.399	ng	98
11) bis(2-Chloroethyl)ether	7.152	93	572684	37.966	ng	99
12) 1,3-Dichlorobenzene	7.610	146	623765	38.075	ng	99
13) 1,4-Dichlorobenzene	7.752	146	633707	38.124	ng	99
14) 1,2-Dichlorobenzene	8.069	146	604665	37.672	ng	97
15) Benzyl Alcohol	7.957	79	483554	40.065	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.234	45	620533	38.059	ng	100
17) 2-Methylphenol	8.163	107	476246	39.323	ng	99
18) Hexachloroethane	8.787	117	231259	38.498	ng	98
19) n-Nitroso-di-n-propyla...	8.516	70	443795	38.437	ng	99
20) 3+4-Methylphenols	8.487	107	658646	39.194	ng	99
22) Acetophenone	8.534	105	900272	39.062	ng	99
24) Nitrobenzene	8.905	77	632065	39.125	ng	100
25) Isophorone	9.428	82	1161170	39.283	ng	99
26) 2-Nitrophenol	9.610	139	332859	42.103	ng	98
27) 2,4-Dimethylphenol	9.675	122	395395	39.831	ng	99
28) bis(2-Chloroethoxy)met...	9.904	93	773872	38.755	ng	100
29) 2,4-Dichlorophenol	10.152	162	546278	40.360	ng	98
30) 1,2,4-Trichlorobenzene	10.351	180	569601	39.278	ng	99
31) Naphthalene	10.546	128	1900526	38.746	ng	100
32) Benzoic acid	9.822	122	459115	39.692	ng	98
33) 4-Chloroaniline	10.651	127	687401	39.794	ng	99
34) Hexachlorobutadiene	10.828	225	342250	40.162	ng	99
35) Caprolactam	11.446	113	202580	40.563	ng	99
36) 4-Chloro-3-methylphenol	11.787	107	634437	40.243	ng	100
37) 2-Methylnaphthalene	12.151	142	1328288	39.047	ng	98
38) 1-Methylnaphthalene	12.369	142	1280427	38.476	ng	100
40) 1,2,4,5-Tetrachloroben...	12.528	216	640320	39.641	ng	100
41) Hexachlorocyclopentadiene	12.510	237	231172	40.466	ng	96
43) 2,4,6-Trichlorophenol	12.775	196	442058	41.163	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	481949	40.526	ng	99
46) 1,1'-Biphenyl	13.175	154	1677343	38.850	ng	100
47) 2-Chloronaphthalene	13.216	162	1253200	38.837	ng	99
48) 2-Nitroaniline	13.422	65	372708	41.177	ng	99
49) Acenaphthylene	14.063	152	2002731	39.421	ng	100
50) Dimethylphthalate	13.804	163	1684130	39.427	ng	100
51) 2,6-Dinitrotoluene	13.922	165	364849	40.224	ng	99
52) Acenaphthene	14.410	154	1251388	38.853	ng	99
53) 3-Nitroaniline	14.257	138	389012	40.807	ng	100
54) 2,4-Dinitrophenol	14.463	184	215516	40.337	ng	97
55) Dibenzofuran	14.751	168	2029377	38.547	ng	98
56) 4-Nitrophenol	14.587	139	329312	39.998	ng	94
57) 2,4-Dinitrotoluene	14.722	165	511188	41.315	ng	100
58) Fluorene	15.410	166	1586840	38.936	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	441829	40.282	ng	100
60) Diethylphthalate	15.187	149	1759621	39.975	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	780288	39.427	ng	99
62) 4-Nitroaniline	15.434	138	419713	41.589	ng	96
63) Azobenzene	15.704	77	1586833	39.222	ng	97
65) 4,6-Dinitro-2-methylph...	15.498	198	294154	40.373	ng	93
66) n-Nitrosodiphenylamine	15.628	169	1359958	39.426	ng	99
67) 4-Bromophenyl-phenylether	16.316	248	512613	40.558	ng	99
68) Hexachlorobenzene	16.439	284	602168	40.094	ng	98
69) Atrazine	16.604	200	375217	42.710	ng	99
70) Pentachlorophenol	16.798	266	437777	41.782	ng	99
71) Phenanthrene	17.192	178	2417621	38.348	ng	100
72) Anthracene	17.286	178	2430218	39.996	ng	99
73) Carbazole	17.569	167	2386460	40.197	ng	100
74) Di-n-butylphthalate	18.157	149	3130290	42.321	ng	100
75) Fluoranthene	19.280	202	3029041	40.398	ng	98
77) Benzidine	19.480	184	748733	47.523	ng	100
78) Pyrene	19.657	202	3092986	39.157	ng	99
80) Butylbenzylphthalate	20.610	149	1443911	42.677	ng	98
81) Benzo(a)anthracene	21.569	228	3033249	39.262	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	1126771	41.554	ng	99
83) Chrysene	21.645	228	2887574	39.013	ng	100
84) Bis(2-ethylhexyl)phtha...	21.510	149	2145290	43.253	ng	100
85) Di-n-octyl phthalate	22.786	149	3630686	45.027	ng	100
87) Indeno(1,2,3-cd)pyrene	28.739	276	3901621	39.875	ng	99
88) Benzo(b)fluoranthene	23.880	252	3341839	39.557	ng	99
89) Benzo(k)fluoranthene	23.945	252	3203819	39.261	ng	99
90) Benzo(a)pyrene	24.774	252	2894012	39.713	ng	99
91) Dibenzo(a,h)anthracene	28.803	278	3230468	39.777	ng	98
92) Benzo(g,h,i)perylene	29.921	276	3274432	39.611	ng	97

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

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