Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123024\
Data File : BP023586.D
Acq On : 30 Dec 2024 12:58
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Dec 30 16:01:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP123024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 30 15:51:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	600464	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	2578897	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	1640486	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	3307672	20.000	ng	0.00
76) Chrysene-d12	21.721	240	3281314	20.000	ng	0.00
86) Perylene-d12	25.162	264	3565981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	3046298	79.182	ng	0.00
7) Phenol-d6	6.969	99	4204556	80.226	ng	0.00
23) Nitrobenzene-d5	8.952	82	3677194	80.464	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1616681	85.230	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	8891605	79.542	ng	0.00
79) Terphenyl-d14	19.986	244	12390990	76.808	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	593127	38.385	ng	100
3) Pyridine	3.740	79	1752907	39.430	ng	100
4) n-Nitrosodimethylamine	3.646	42	603267	39.840	ng	100
6) Aniline	7.146	93	1873357	39.889	ng	100
8) 2-Chlorophenol	7.381	128	1639612	39.682	ng	100
9) Benzaldehyde	6.958	77	1056033	36.081	ng	100
10) Phenol	6.999	94	2126689	39.895	ng	100
11) bis(2-Chloroethyl)ether	7.240	93	1689623	39.673	ng	100
12) 1,3-Dichlorobenzene	7.705	146	1862055	38.956	ng	100
13) 1,4-Dichlorobenzene	7.846	146	1880438	38.785	ng	100
14) 1,2-Dichlorobenzene	8.163	146	1810610	38.898	ng	100
15) Benzyl Alcohol	8.040	79	1378764	40.462	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.340	45	1713658	39.317	ng	100
17) 2-Methylphenol	8.240	107	1391516	40.337	ng	100
18) Hexachloroethane	8.887	117	676753	39.108	ng	100
19) n-Nitroso-di-n-propyla...	8.610	70	1342044	40.528	ng	100
20) 3+4-Methylphenols	8.563	107	1882606	40.346	ng	100
22) Acetophenone	8.622	105	2644462	39.317	ng	100
24) Nitrobenzene	8.993	77	1908567	39.972	ng	100
25) Isophorone	9.516	82	3629314	39.639	ng	100
26) 2-Nitrophenol	9.704	139	635581	38.606	ng	100
27) 2,4-Dimethylphenol	9.763	122	1155945	39.596	ng	100
28) bis(2-Chloroethoxy)met...	9.999	93	2265358	39.402	ng	100
29) 2,4-Dichlorophenol	10.234	162	1516125	40.990	ng	100
30) 1,2,4-Trichlorobenzene	10.451	180	1713148	39.065	ng	100
31) Naphthalene	10.640	128	5571050	39.276	ng	100
32) Benzoic acid	9.875	122	779000	37.502	ng	100
33) 4-Chloroaniline	10.734	127	2104138	39.956	ng	100
34) Hexachlorobutadiene	10.934	225	985659	38.756	ng	100
35) Caprolactam	11.498	113	591292	41.174	ng	100
36) 4-Chloro-3-methylphenol	11.851	107	1710581	41.090	ng	100
37) 2-Methylnaphthalene	12.251	142	3819500	39.128	ng	100
38) 1-Methylnaphthalene	12.469	142	3785220	39.471	ng	100
40) 1,2,4,5-Tetrachloroben...	12.622	216	1800287	38.878	ng	100
41) Hexachlorocyclopentadiene	12.610	237	527204	39.814	ng	100
43) 2,4,6-Trichlorophenol	12.851	196	1143753	41.528	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	1312681	41.595	ng	100
46) 1,1'-Biphenyl	13.263	154	4807913	38.959	ng	100
47) 2-Chloronaphthalene	13.304	162	3800396	38.748	ng	100
48) 2-Nitroaniline	13.492	65	948696	38.237	ng	100
49) Acenaphthylene	14.151	152	5653700	39.319	ng	100
50) Dimethylphthalate	13.892	163	4631761	39.031	ng	100
51) 2,6-Dinitrotoluene	13.998	165	1009093	42.036	ng	100
52) Acenaphthene	14.504	154	3781570	39.346	ng	100
53) 3-Nitroaniline	14.328	138	1067703	41.488	ng	100
54) 2,4-Dinitrophenol	14.534	184	251827	38.056	ng	100
55) Dibenzofuran	14.845	168	5600770	38.904	ng	100
56) 4-Nitrophenol	14.622	139	876637	40.491	ng	100
57) 2,4-Dinitrotoluene	14.792	165	1323941	38.193	ng	100
58) Fluorene	15.504	166	4797043	39.390	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.063	232	1085700	41.304	ng	100
60) Diethylphthalate	15.281	149	4871911	39.753	ng	100
61) 4-Chlorophenyl-phenyle...	15.504	204	2302537	38.951	ng	100
62) 4-Nitroaniline	15.510	138	1206631	42.038	ng	100
63) Azobenzene	15.804	77	4554950	39.493	ng	100
65) 4,6-Dinitro-2-methylph...	15.575	198	435116	38.230	ng	100
66) n-Nitrosodiphenylamine	15.716	169	3983343	39.812	ng	100
67) 4-Bromophenyl-phenylether	16.422	248	1427223	40.566	ng	100
68) Hexachlorobenzene	16.533	284	1711117	39.642	ng	100
69) Atrazine	16.692	200	1012173	38.520	ng	100
70) Pentachlorophenol	16.881	266	1017657	40.882	ng	100
71) Phenanthrene	17.286	178	7133962	40.492	ng	100
72) Anthracene	17.380	178	6948619	40.536	ng	100
73) Carbazole	17.651	167	7070254	40.289	ng	100
74) Di-n-butylphthalate	18.275	149	8404758	43.299	ng	100
75) Fluoranthene	19.386	202	8601047	41.669	ng	100
77) Benzidine	19.575	184	2474082	43.999	ng	100
78) Pyrene	19.763	202	9008504	41.515	ng	100
80) Butylbenzylphthalate	20.727	149	3540768	38.283	ng	100
81) Benzo(a)anthracene	21.704	228	8928735	40.494	ng	100
82) 3,3'-Dichlorobenzidine	21.627	252	3134897	42.259	ng	100
83) Chrysene	21.780	228	8234191	39.741	ng	100
84) Bis(2-ethylhexyl)phtha...	21.674	149	5920221	43.331	ng	100
85) Di-n-octyl phthalate	23.004	149	9212867	42.153	ng	100
87) Indeno(1,2,3-cd)pyrene	29.086	276	9902737m	39.425	ng	
88) Benzo(b)fluoranthene	24.080	252	9053792	40.430	ng	100
89) Benzo(k)fluoranthene	24.157	252	8878199	40.606	ng	100
90) Benzo(a)pyrene	25.004	252	7781951	40.459	ng	100
91) Dibenzo(a,h)anthracene	29.180	278	8222067	39.394	ng	100
92) Benzo(g,h,i)perylene	30.297	276	8236163	39.409	ng	100

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

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