Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024226.D
Acq On : 08 Apr 2025 23:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Apr 09 01:04:12 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152	424628	20.000	ng		-0.03
21) Naphthalene-d8	10.522	136	1560137	20.000	ng		-0.03
39) Acenaphthene-d10	14.375	164	891224	20.000	ng		-0.03
64) Phenanthrene-d10	17.181	188	1662194	20.000	ng		-0.02
76) Chrysene-d12	21.639	240	1816390	20.000	ng		-0.02
86) Perylene-d12	25.021	264	2095753	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	2184691	82.128	ng		-0.02
7) Phenol-d6	6.922	99	2718654	76.426	ng		-0.03
23) Nitrobenzene-d5	8.893	82	2305504	83.377	ng		-0.03
42) 2,4,6-Tribromophenol	15.893	330	930305	82.870	ng		-0.02
45) 2-Fluorobiphenyl	12.993	172	4873019	80.624	ng		-0.02
79) Terphenyl-d14	19.910	244	7203280	81.861	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	451814	42.849	ng		98
3) Pyridine	3.693	79	1156342	40.115	ng		99
4) n-Nitrosodimethylamine	3.605	42	377443	39.198	ng		93
6) Aniline	7.081	93	1206236	37.218	ng		99
8) 2-Chlorophenol	7.317	128	1126985	39.222	ng		99
9) Benzaldehyde	6.893	77	718590	41.860	ng		97
10) Phenol	6.952	94	1363188	37.960	ng		99
11) bis(2-Chloroethyl)ether	7.175	93	1086996	38.384	ng		99
12) 1,3-Dichlorobenzene	7.634	146	1237562	39.940	ng		100
13) 1,4-Dichlorobenzene	7.775	146	1252207	39.581	ng		98
14) 1,2-Dichlorobenzene	8.093	146	1173567	38.656	ng		100
15) Benzyl Alcohol	7.981	79	857519	38.077	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	1139765	39.434	ng		98
17) 2-Methylphenol	8.187	107	852048	37.837	ng		99
18) Hexachloroethane	8.816	117	456511	40.672	ng		100
19) n-Nitroso-di-n-propyla...	8.540	70	764924	37.065	ng		99
20) 3+4-Methylphenols	8.511	107	1139804	36.842	ng		99
22) Acetophenone	8.558	105	1570038	39.805	ng	#	99
24) Nitrobenzene	8.934	77	1127741	41.342	ng		99
25) Isophorone	9.458	82	1951632	41.174	ng		100
26) 2-Nitrophenol	9.634	139	554308	42.541	ng		99
27) 2,4-Dimethylphenol	9.699	122	685922	40.939	ng		99
28) bis(2-Chloroethoxy)met...	9.934	93	1372462	41.159	ng		100
29) 2,4-Dichlorophenol	10.175	162	938779	41.419	ng		99
30) 1,2,4-Trichlorobenzene	10.387	180	1029903	41.128	ng		99
31) Naphthalene	10.569	128	3329431	40.259	ng		100
32) Benzoic acid	9.852	122	681684	41.718	ng		98
33) 4-Chloroaniline	10.681	127	1162795	39.289	ng		100
34) Hexachlorobutadiene	10.858	225	599236	41.579	ng		99
35) Caprolactam	11.469	113	296325	39.891	ng		94
36) 4-Chloro-3-methylphenol	11.810	107	991026	40.531	ng		99
37) 2-Methylnaphthalene	12.181	142	2218499	39.708	ng		99
38) 1-Methylnaphthalene	12.404	142	2138642	39.355	ng		99
40) 1,2,4,5-Tetrachloroben...	12.557	216	1056188	40.997	ng		100
41) Hexachlorocyclopentadiene	12.534	237	405015	43.613	ng		99
43) 2,4,6-Trichlorophenol	12.799	196	696113	42.517	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	749745	41.756	ng	99
46) 1,1'-Biphenyl	13.204	154	2745709	40.998	ng	99
47) 2-Chloronaphthalene	13.240	162	2051169	40.719	ng	99
48) 2-Nitroaniline	13.446	65	557492	43.269	ng	96
49) Acenaphthylene	14.099	152	3171238	41.605	ng	100
50) Dimethylphthalate	13.834	163	2518565	40.387	ng	100
51) 2,6-Dinitrotoluene	13.946	165	548282	41.787	ng	99
52) Acenaphthene	14.446	154	1985187	40.764	ng	100
53) 3-Nitroaniline	14.281	138	594175	41.928	ng	96
54) 2,4-Dinitrophenol	14.493	184	282567	40.700	ng	99
55) Dibenzofuran	14.787	168	3147389	39.898	ng	99
56) 4-Nitrophenol	14.604	139	514579	43.456	ng	99
57) 2,4-Dinitrotoluene	14.746	165	744447	42.953	ng	99
58) Fluorene	15.445	166	2474519	40.261	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.010	232	646152	40.731	ng	98
60) Diethylphthalate	15.216	149	2596236	41.807	ng	100
61) 4-Chlorophenyl-phenyle...	15.440	204	1208752	40.097	ng	99
62) 4-Nitroaniline	15.463	138	639560	43.029	ng	98
63) Azobenzene	15.740	77	2494527	42.619	ng	99
65) 4,6-Dinitro-2-methylph...	15.522	198	400468	40.583	ng	99
66) n-Nitrosodiphenylamine	15.657	169	2092015	41.447	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	760770	41.688	ng	98
68) Hexachlorobenzene	16.469	284	868411	40.204	ng	98
69) Atrazine	16.628	200	355549	29.184	ng	99
70) Pentachlorophenol	16.828	266	620319	44.409	ng	99
71) Phenanthrene	17.222	178	3634197	40.022	ng	100
72) Anthracene	17.316	178	3683868	41.654	ng	99
73) Carbazole	17.598	167	3599930	42.208	ng	100
74) Di-n-butylphthalate	18.192	149	4558214	45.020	ng	100
75) Fluoranthene	19.316	202	4433069	42.152	ng	98
77) Benzidine	19.510	184	501521	25.254	ng	100
78) Pyrene	19.692	202	4661555	41.281	ng	100
80) Butylbenzylphthalate	20.645	149	2147381	46.113	ng	98
81) Benzo(a)anthracene	21.622	228	4683481	41.473	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	1669038	44.097	ng	100
83) Chrysene	21.692	228	4418706	40.702	ng	99
84) Bis(2-ethylhexyl)phtha...	21.563	149	3269298	46.527	ng	99
85) Di-n-octyl phthalate	22.845	149	5516405	48.999	ng	100
87) Indeno(1,2,3-cd)pyrene	28.862	276	5954112	40.707	ng	98
88) Benzo(b)fluoranthene	23.945	252	5175613	40.959	ng	97
89) Benzo(k)fluoranthene	24.027	252	4955096	40.088	ng	99
90) Benzo(a)pyrene	24.863	252	4522649	41.160	ng	99
91) Dibenzo(a,h)anthracene	28.951	278	4947962	40.661	ng	98
92) Benzo(g,h,i)perylene	30.051	276	4983919	40.290	ng	98

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

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