Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040725\
Data File : BG064202.D
Acq On : 7 Apr 2025 13:00
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Quant Time: Apr 07 16:05:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 07 15:51:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.855	152	32865	20.000	ng		0.00
21) Naphthalene-d8	10.646	136	150827	20.000	ng		0.00
39) Acenaphthene-d10	14.482	164	105229	20.000	ng		0.00
64) Phenanthrene-d10	17.220	188	227820	20.000	ng		0.00
76) Chrysene-d12	21.456	240	243856	20.000	ng		0.00
86) Perylene-d12	24.471	264	257279	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	250091	122.387	ng		0.00
7) Phenol-d6	7.026	99	353650	122.223	ng		0.00
23) Nitrobenzene-d5	9.012	82	376271	124.497	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	172040	121.765	ng		0.00
45) 2-Fluorobiphenyl	13.107	172	865644	119.625	ng		0.00
79) Terphenyl-d14	19.847	244	1430531	117.030	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.366	88	43916	54.223	ng		93
3) Pyridine	3.760	79	127980m	59.743	ng		
4) n-Nitrosodimethylamine	3.671	42	96377	57.806	ng	#	99
6) Aniline	7.185	93	152270	57.001	ng		98
8) 2-Chlorophenol	7.426	128	138165	60.547	ng		97
9) Benzaldehyde	6.997	77	74541m	44.907	ng		
10) Phenol	7.056	94	175879	61.325	ng		97
11) bis(2-Chloroethyl)ether	7.285	93	131903	59.413	ng		99
12) 1,3-Dichlorobenzene	7.749	146	145005	58.546	ng		97
13) 1,4-Dichlorobenzene	7.890	146	146652	58.762	ng		98
14) 1,2-Dichlorobenzene	8.207	146	144529	58.424	ng		99
15) Benzyl Alcohol	8.096	79	155575	61.803	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.389	45	288049	58.118	ng		96
17) 2-Methylphenol	8.295	107	125557	60.840	ng		95
18) Hexachloroethane	8.936	117	59116	60.659	ng		93
19) n-Nitroso-di-n-propyla...	8.666	70	128838	59.462	ng		96
20) 3+4-Methylphenols	8.624	107	174908	60.088	ng		95
22) Acetophenone	8.677	105	249605	60.517	ng		97
24) Nitrobenzene	9.053	77	186108	61.817	ng		100
25) Isophorone	9.576	82	329601	59.491	ng		99
26) 2-Nitrophenol	9.764	139	79945	63.418	ng		98
27) 2,4-Dimethylphenol	9.823	122	106206	61.930	ng		99
28) bis(2-Chloroethoxy)met...	10.058	93	191558	59.880	ng		97
29) 2,4-Dichlorophenol	10.293	162	143469	63.593	ng		94
30) 1,2,4-Trichlorobenzene	10.511	180	153040	61.525	ng		98
31) Naphthalene	10.699	128	494890	60.180	ng		98
32) Benzoic acid	9.993	122	120490m	67.331	ng		
33) 4-Chloroaniline	10.804	127	177747	59.738	ng		96
34) Hexachlorobutadiene	10.986	225	106354	61.236	ng		96
35) Caprolactam	11.586	113	50812	59.410	ng	#	91
36) 4-Chloro-3-methylphenol	11.926	107	182662	60.443	ng		98
37) 2-Methylnaphthalene	12.308	142	358973	60.007	ng		97
38) 1-Methylnaphthalene	12.526	142	354724	59.866	ng		99
40) 1,2,4,5-Tetrachloroben...	12.673	216	193275	61.997	ng		98
41) Hexachlorocyclopentadiene	12.661	237	76504	68.262	ng		93
43) 2,4,6-Trichlorophenol	12.914	196	125391	63.057	ng		91

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44) 2,4,5-Trichlorophenol	12.984	196	137812	61.780	ng		98
46) 1,1'-Biphenyl	13.319	154	495159	60.549	ng		98
47) 2-Chloronaphthalene	13.360	162	359484	61.001	ng		98
48) 2-Nitroaniline	13.560	65	140223	64.963	ng		93
49) Acenaphthylene	14.206	152	560849	60.603	ng		99
50) Dimethylphthalate	13.948	163	477136	59.127	ng		98
51) 2,6-Dinitrotoluene	14.059	165	105440	63.951	ng		97
52) Acenaphthene	14.547	154	372000	60.011	ng		94
53) 3-Nitroaniline	14.388	138	103208	63.968	ng		97
54) 2,4-Dinitrophenol	14.588	184	62070	58.961	ng	#	80
55) Dibenzofuran	14.882	168	598827	60.172	ng		99
56) 4-Nitrophenol	14.694	139	87275	66.922	ng		88
57) 2,4-Dinitrotoluene	14.847	165	147369	62.907	ng		98
58) Fluorene	15.534	166	472515	59.869	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.105	232	131173	60.776	ng	#	99
60) Diethylphthalate	15.311	149	520697	60.431	ng		98
61) 4-Chlorophenyl-phenyle...	15.528	204	235641	59.562	ng		96
62) 4-Nitroaniline	15.552	138	108020	65.780	ng		98
63) Azobenzene	15.822	77	507377	60.050	ng		96
65) 4,6-Dinitro-2-methylph...	15.610	198	92765	69.364	ng		99
66) n-Nitrosodiphenylamine	15.740	169	402216	60.453	ng		98
67) 4-Bromophenyl-phenylether	16.421	248	156581	61.308	ng		95
68) Hexachlorobenzene	16.533	284	167291	60.533	ng		95
70) Pentachlorophenol	16.874	266	116724	67.481	ng		96
71) Phenanthrene	17.267	178	747119	60.772	ng		99
72) Anthracene	17.355	178	744051	60.844	ng		98
73) Carbazole	17.626	167	690096	61.739	ng		98
74) Di-n-butylphthalate	18.196	149	872716	62.261	ng		98
75) Fluoranthene	19.277	202	896620	60.911	ng		99
77) Benzidine	19.459	184	155341	48.652	ng		98
78) Pyrene	19.635	202	935954	59.718	ng		98
80) Butylbenzylphthalate	20.534	149	399947	62.758	ng		95
81) Benzo(a)anthracene	21.439	228	949178	60.177	ng		98
82) 3,3'-Dichlorobenzidine	21.362	252	319044	59.996	ng		97
83) Chrysene	21.503	228	922587	59.627	ng		99
84) Bis(2-ethylhexyl)phtha...	21.368	149	582457	61.190	ng		98
85) Di-n-octyl phthalate	22.508	149	1016499	61.581	ng		100
87) Indeno(1,2,3-cd)pyrene	27.872	276	1105123	62.054	ng	#	91
88) Benzo(b)fluoranthene	23.525	252	981374	61.944	ng		97
89) Benzo(k)fluoranthene	23.589	252	951873	61.464	ng		98
90) Benzo(a)pyrene	24.330	252	874006	63.168	ng		99
91) Dibenzo(a,h)anthracene	27.931	278	931051	63.430	ng		98
92) Benzo(g,h,i)perylene	28.936	276	925276	62.283	ng		97

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

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