Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040725\
Data File : BG064201.D
Acq On : 7 Apr 2025 12:20
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Quant Time: Apr 07 16:56:05 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 16:48:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.861	152	34260	20.000	ng		0.00
21) Naphthalene-d8	10.646	136	160806	20.000	ng		0.00
39) Acenaphthene-d10	14.483	164	115648	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	246592	20.000	ng		0.00
76) Chrysene-d12	21.457	240	256013	20.000	ng		0.00
86) Perylene-d12	24.465	264	275545	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	210943	99.422	ng		0.00
7) Phenol-d6	7.027	99	306903	101.736	ng		0.00
23) Nitrobenzene-d5	9.013	82	325111	101.157	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	150438	96.821	ng		0.00
45) 2-Fluorobiphenyl	13.108	172	765000	96.109	ng		0.00
79) Terphenyl-d14	19.841	244	1248506	97.438	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.366	88	38901	46.108	ng		92
3) Pyridine	3.760	79	110326m	48.975	ng		
4) n-Nitrosodimethylamine	3.672	42	84100	49.158	ng		96
6) Aniline	7.186	93	137031	48.964	ng		99
8) 2-Chlorophenol	7.426	128	121623	51.075	ng		98
9) Benzaldehyde	6.997	77	70278m	41.109	ng		
10) Phenol	7.056	94	150540	50.176	ng		99
11) bis(2-Chloroethyl)ether	7.285	93	113191	48.892	ng		97
12) 1,3-Dichlorobenzene	7.750	146	128214	49.599	ng		97
13) 1,4-Dichlorobenzene	7.896	146	128306	49.279	ng		98
14) 1,2-Dichlorobenzene	8.208	146	128657	49.762	ng		97
15) Benzyl Alcohol	8.096	79	135002	51.311	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.390	45	256706	49.627	ng		98
17) 2-Methylphenol	8.296	107	109283	50.467	ng		94
18) Hexachloroethane	8.936	117	50579	49.858	ng		92
19) n-Nitroso-di-n-propyla...	8.666	70	111326	49.000	ng		96
20) 3+4-Methylphenols	8.625	107	150663	49.425	ng		97
22) Acetophenone	8.672	105	216666	49.207	ng	#	95
24) Nitrobenzene	9.054	77	161423	50.312	ng		97
25) Isophorone	9.577	82	289970	49.092	ng		100
26) 2-Nitrophenol	9.759	139	68189	50.516	ng		98
27) 2,4-Dimethylphenol	9.824	122	91919	50.355	ng		95
28) bis(2-Chloroethoxy)met...	10.059	93	170785	50.197	ng		98
29) 2,4-Dichlorophenol	10.294	162	121017	50.224	ng		98
30) 1,2,4-Trichlorobenzene	10.511	180	135698	50.954	ng		97
31) Naphthalene	10.699	128	431302	49.359	ng		98
32) Benzoic acid	9.988	122	100665m	52.738	ng		
33) 4-Chloroaniline	10.805	127	162273	51.125	ng		99
34) Hexachlorobutadiene	10.987	225	92745	49.916	ng		97
35) Caprolactam	11.569	113	45713	50.308	ng	#	88
36) 4-Chloro-3-methylphenol	11.927	107	158717	49.212	ng		99
37) 2-Methylnaphthalene	12.303	142	310510	48.639	ng		97
38) 1-Methylnaphthalene	12.526	142	307521	48.626	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.673	216	165783	48.353	ng		97
41) Hexachlorocyclopentadiene	12.661	237	64918	52.668	ng		93
43) 2,4,6-Trichlorophenol	12.914	196	108420	49.776	ng		95

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44) 2,4,5-Trichlorophenol	12.985	196	119998	48.854	ng		99
46) 1,1'-Biphenyl	13.320	154	434690	48.329	ng		100
47) 2-Chloronaphthalene	13.355	162	311541	48.052	ng		99
48) 2-Nitroaniline	13.560	65	120546	50.792	ng		96
49) Acenaphthylene	14.207	152	494615	48.558	ng		97
50) Dimethylphthalate	13.942	163	421648	47.496	ng		99
51) 2,6-Dinitrotoluene	14.054	165	91865	50.806	ng		91
52) Acenaphthene	14.547	154	326646	48.093	ng		97
53) 3-Nitroaniline	14.383	138	88133	49.347	ng		91
54) 2,4-Dinitrophenol	14.589	184	52646	47.135	ng	#	86
55) Dibenzofuran	14.882	168	529210	48.299	ng		98
56) 4-Nitrophenol	14.694	139	74730	51.695	ng		95
57) 2,4-Dinitrotoluene	14.841	165	128514	49.659	ng		93
58) Fluorene	15.529	166	413882	47.635	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.106	232	114880	48.332	ng	#	98
60) Diethylphthalate	15.311	149	447256	47.052	ng		96
61) 4-Chlorophenyl-phenyle...	15.529	204	202559	46.623	ng		98
62) 4-Nitroaniline	15.546	138	94152	51.957	ng		97
63) Azobenzene	15.822	77	450528	48.393	ng		98
65) 4,6-Dinitro-2-methylph...	15.605	198	78006	53.656	ng		97
66) n-Nitrosodiphenylamine	15.740	169	353306	48.933	ng		95
67) 4-Bromophenyl-phenylether	16.422	248	135170	48.927	ng		96
68) Hexachlorobenzene	16.533	284	145522	48.778	ng		95
69) Atrazine	16.686	200	50760	24.788	ng		99
70) Pentachlorophenol	16.874	266	101011	53.729	ng		97
71) Phenanthrene	17.268	178	649364	48.787	ng		99
72) Anthracene	17.356	178	653403	49.275	ng		99
73) Carbazole	17.626	167	600893	49.674	ng		99
74) Di-n-butylphthalate	18.196	149	759773	49.931	ng		100
75) Fluoranthene	19.277	202	787506	49.311	ng		99
77) Benzidine	19.459	184	229399	68.664	ng		99
78) Pyrene	19.636	202	807017	49.124	ng		99
80) Butylbenzylphthalate	20.535	149	342643	51.215	ng		95
81) Benzo(a)anthracene	21.439	228	821139	49.659	ng		100
82) 3,3'-Dichlorobenzidine	21.357	252	286315	51.171	ng		96
83) Chrysene	21.504	228	809072	49.850	ng		99
84) Bis(2-ethylhexyl)phtha...	21.369	149	505683	50.566	ng		100
85) Di-n-octyl phthalate	22.509	149	876501	50.621	ng		100
87) Indeno(1,2,3-cd)pyrene	27.873	276	949285	49.700	ng	#	98
88) Benzo(b)fluoranthene	23.519	252	833780	49.310	ng		97
89) Benzo(k)fluoranthene	23.584	252	837532	50.336	ng		98
90) Benzo(a)pyrene	24.330	252	751491	50.626	ng		100
91) Dibenzo(a,h)anthracene	27.932	278	792422	50.354	ng		97
92) Benzo(g,h,i)perylene	28.931	276	796154	50.046	ng		96

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

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