Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082724\
Data File : BG062585.D
Acq On : 27 Aug 2024 19:13
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Quant Time: Aug 28 00:54:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 00:44:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.935	152	73105	20.000	ng		0.00
21) Naphthalene-d8	10.726	136	351418	20.000	ng	#	0.00
39) Acenaphthene-d10	14.556	164	236104	20.000	ng		0.00
64) Phenanthrene-d10	17.300	188	553932	20.000	ng		0.00
76) Chrysene-d12	21.548	240	527580	20.000	ng		0.00
86) Perylene-d12	24.627	264	609080	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.520	112	490867	120.454	ng		0.00
7) Phenol-d6	7.106	99	714634	123.116	ng		0.00
23) Nitrobenzene-d5	9.092	82	693734	131.015	ng		0.00
42) 2,4,6-Tribromophenol	16.049	330	332922	127.649	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	1645251	114.581	ng		0.00
79) Terphenyl-d14	19.921	244	2815745	111.585	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.434	88	103903	53.524	ng		98
3) Pyridine	3.828	79	299360m	56.775	ng		
4) n-Nitrosodimethylamine	3.740	42	158223	56.227	ng		98
6) Aniline	7.265	93	338537	61.793	ng		99
8) 2-Chlorophenol	7.500	128	273476	62.290	ng		99
9) Benzaldehyde	7.071	77	193737m	52.868	ng		
10) Phenol	7.130	94	374717	62.202	ng		97
11) bis(2-Chloroethyl)ether	7.359	93	296166	60.459	ng		98
12) 1,3-Dichlorobenzene	7.823	146	307587	59.830	ng		99
13) 1,4-Dichlorobenzene	7.970	146	315161	60.163	ng		98
14) 1,2-Dichlorobenzene	8.287	146	305129	59.527	ng		99
15) Benzyl Alcohol	8.170	79	266654	65.985	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.463	45	577125	62.027	ng		99
17) 2-Methylphenol	8.375	107	254071	63.141	ng		97
18) Hexachloroethane	9.016	117	110230	63.068	ng		94
19) n-Nitroso-di-n-propyla...	8.740	70	262840	67.615	ng		97
20) 3+4-Methylphenols	8.704	107	351547	63.890	ng		99
22) Acetophenone	8.751	105	495250	56.475	ng	#	98
24) Nitrobenzene	9.133	77	369431	64.427	ng		100
25) Isophorone	9.656	82	781920	60.877	ng		99
27) 2,4-Dimethylphenol	9.903	122	214231	63.821	ng		99
28) bis(2-Chloroethoxy)met...	10.138	93	451755	60.679	ng		100
29) 2,4-Dichlorophenol	10.379	162	313846	63.155	ng		99
30) 1,2,4-Trichlorobenzene	10.590	180	362287	59.677	ng		98
31) Naphthalene	10.778	128	1034332	58.967	ng		99
32) Benzoic acid	10.067	122	181025m	65.423	ng		
33) 4-Chloroaniline	10.884	127	370160	58.092	ng		98
34) Hexachlorobutadiene	11.066	225	220277	55.618	ng		97
35) Caprolactam	11.671	113	87963	65.656	ng		95
36) 4-Chloro-3-methylphenol	12.012	107	324470	60.259	ng		98
37) 2-Methylnaphthalene	12.382	142	658527	55.720	ng		99
38) 1-Methylnaphthalene	12.600	142	662776	56.046	ng		99
40) 1,2,4,5-Tetrachloroben...	12.753	216	395955	58.881	ng		99
41) Hexachlorocyclopentadiene	12.735	237	112654	66.630	ng		99
43) 2,4,6-Trichlorophenol	12.988	196	247792	64.381	ng		96
44) 2,4,5-Trichlorophenol	13.064	196	284015	62.615	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.393	154	940406	59.530	ng		98
47) 2-Chloronaphthalene	13.434	162	760543	60.319	ng		99
49) Acenaphthylene	14.280	152	1151798	59.922	ng		98
50) Dimethylphthalate	14.016	163	959752	62.556	ng		99
51) 2,6-Dinitrotoluene	14.133	165	185009	60.990	ng		98
52) Acenaphthene	14.621	154	696929	58.768	ng		96
53) 3-Nitroaniline	14.462	138	182293	71.561	ng		100
54) 2,4-Dinitrophenol	14.668	184	98763	70.749	ng		96
55) Dibenzofuran	14.956	168	1198293	58.932	ng		99
56) 4-Nitrophenol	14.774	139	162595	67.553	ng		97
57) 2,4-Dinitrotoluene	14.921	165	251670	71.791	ng		100
58) Fluorene	15.608	166	920777	57.665	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.185	232	262217	63.503	ng		100
60) Diethylphthalate	15.379	149	945493	64.307	ng		99
61) 4-Chlorophenyl-phenyle...	15.596	204	487001	57.391	ng		100
62) 4-Nitroaniline	15.626	138	201030	71.113	ng		99
63) Azobenzene	15.890	77	1009234	60.407	ng		99
65) 4,6-Dinitro-2-methylph...	15.684	198	137850	73.561	ng		97
66) n-Nitrosodiphenylamine	15.814	169	827635	61.514	ng		97
67) 4-Bromophenyl-phenylether	16.489	248	319623	59.945	ng		98
68) Hexachlorobenzene	16.613	284	374143	60.727	ng		96
69) Atrazine	16.760	200	201906	55.170	ng		99
70) Pentachlorophenol	16.954	266	245605	66.515	ng		100
71) Phenanthrene	17.341	178	1559322	58.454	ng		98
72) Anthracene	17.435	178	1551163	59.431	ng		99
73) Carbazole	17.706	167	1434436	59.238	ng		99
74) Di-n-butylphthalate	18.264	149	1396728	65.932	ng		100
75) Fluoranthene	19.357	202	1918965	57.463	ng		99
78) Pyrene	19.715	202	2000997	59.654	ng		98
80) Butylbenzylphthalate	20.608	149	473542	61.157	ng		98
81) Benzo(a)anthracene	21.531	228	1987185	59.141	ng		99
82) 3,3'-Dichlorobenzidine	21.448	252	593833	66.815	ng		99
83) Chrysene	21.595	228	1944146	59.132	ng		98
84) Bis(2-ethylhexyl)phtha...	21.448	149	748430	70.489	ng		99
85) Di-n-octyl phthalate	22.612	149	1335301	66.607	ng		97
87) Indeno(1,2,3-cd)pyrene	28.111	276	2370475	61.717	ng	#	94
88) Benzo(b)fluoranthene	23.657	252	2081708	61.020	ng		99
89) Benzo(k)fluoranthene	23.728	252	1994339	58.921	ng		99
90) Benzo(a)pyrene	24.492	252	1801745	60.077	ng		99
91) Dibenzo(a,h)anthracene	28.182	278	1963596	61.862	ng		99
92) Benzo(g,h,i)perylene	29.216	276	1971126	61.084	ng		98

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

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