Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
Data File : BG062636.D
Acq On : 4 Sep 2024 9:44
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Sep 04 11:25:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.923	152	60101	20.000	ng		0.00
21) Naphthalene-d8	10.714	136	262172	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	220853	20.000	ng		0.00
64) Phenanthrene-d10	17.289	188	572582	20.000	ng		0.00
76) Chrysene-d12	21.537	240	586969	20.000	ng		0.00
86) Perylene-d12	24.609	264	670478	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.502	112	275465	79.225	ng		0.00
7) Phenol-d6	7.089	99	402710	80.173	ng		0.00
23) Nitrobenzene-d5	9.075	82	417144	85.691	ng		0.00
42) 2,4,6-Tribromophenol	16.037	330	265906	85.553	ng		0.00
45) 2-Fluorobiphenyl	13.170	172	1051554	77.123	ng		0.00
79) Terphenyl-d14	19.909	244	2273976	76.817	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	58833	40.617	ng		93
3) Pyridine	3.799	79	177534	42.539	ng		95
4) n-Nitrosodimethylamine	3.716	42	84585	41.689	ng		98
6) Aniline	7.247	93	183192	39.036	ng		97
8) 2-Chlorophenol	7.488	128	148080	39.669	ng		98
9) Benzaldehyde	7.059	77	109692m	37.542	ng		
10) Phenol	7.112	94	205304	40.374	ng		97
11) bis(2-Chloroethyl)ether	7.341	93	151784	38.987	ng		98
12) 1,3-Dichlorobenzene	7.812	146	163664	39.953	ng		98
13) 1,4-Dichlorobenzene	7.958	146	169408	40.185	ng		98
14) 1,2-Dichlorobenzene	8.276	146	169809	40.978	ng		98
15) Benzyl Alcohol	8.152	79	151100	40.656	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.446	45	276430	37.254	ng		98
17) 2-Methylphenol	8.358	107	141471	39.912	ng		99
18) Hexachloroethane	8.998	117	60532	38.293	ng		88
19) n-Nitroso-di-n-propyla...	8.722	70	152192	38.452	ng		97
20) 3+4-Methylphenols	8.687	107	208787	39.927	ng		96
22) Acetophenone	8.740	105	285476	40.363	ng	#	97
24) Nitrobenzene	9.116	77	221224	42.741	ng		99
25) Isophorone	9.639	82	387348	36.249	ng		99
26) 2-Nitrophenol	9.827	139	78230	40.001	ng		93
27) 2,4-Dimethylphenol	9.891	122	111580	38.938	ng		98
28) bis(2-Chloroethoxy)met...	10.121	93	223073	38.996	ng		99
29) 2,4-Dichlorophenol	10.361	162	169279	42.250	ng		99
30) 1,2,4-Trichlorobenzene	10.579	180	195078	41.072	ng		95
31) Naphthalene	10.767	128	539244	41.497	ng		98
32) Benzoic acid	10.021	122	123138m	39.954	ng		
33) 4-Chloroaniline	10.867	127	216886	42.411	ng		95
34) Hexachlorobutadiene	11.055	225	141370	42.616	ng		94
35) Caprolactam	11.636	113	64758	41.926	ng		95
36) 4-Chloro-3-methylphenol	11.995	107	197629	40.893	ng		99
37) 2-Methylnaphthalene	12.371	142	415380	41.213	ng		98
38) 1-Methylnaphthalene	12.588	142	414049	40.912	ng		100
40) 1,2,4,5-Tetrachloroben...	12.741	216	263690	39.702	ng		100
41) Hexachlorocyclopentadiene	12.723	237	79767	42.093	ng		99
43) 2,4,6-Trichlorophenol	12.976	196	169786	40.325	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.052	196	191639	40.191	ng		99
46) 1,1'-Biphenyl	13.381	154	573023	38.891	ng		98
47) 2-Chloronaphthalene	13.423	162	467723	39.169	ng		99
48) 2-Nitroaniline	13.622	65	135197	43.046	ng		98
49) Acenaphthylene	14.269	152	725668	41.036	ng		99
50) Dimethylphthalate	14.004	163	636856	39.435	ng		99
51) 2,6-Dinitrotoluene	14.122	165	136341	44.634	ng		91
52) Acenaphthene	14.609	154	450460	40.749	ng		97
53) 3-Nitroaniline	14.451	138	133911	45.307	ng		97
54) 2,4-Dinitrophenol	14.651	184	75168	43.850	ng		95
55) Dibenzofuran	14.944	168	770559	40.646	ng		97
56) 4-Nitrophenol	14.756	139	114405	45.673	ng		97
57) 2,4-Dinitrotoluene	14.909	165	195319	46.864	ng		95
58) Fluorene	15.597	166	609140	40.942	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.173	232	190993	42.283	ng		96
60) Diethylphthalate	15.367	149	650694	40.653	ng		99
61) 4-Chlorophenyl-phenyle...	15.591	204	349036	40.864	ng		97
62) 4-Nitroaniline	15.614	138	147622	45.297	ng		97
63) Azobenzene	15.879	77	606471	40.351	ng		99
65) 4,6-Dinitro-2-methylph...	15.673	198	114843	44.944	ng		94
66) n-Nitrosodiphenylamine	15.802	169	562367	40.851	ng		100
67) 4-Bromophenyl-phenylether	16.484	248	244203	41.324	ng		95
68) Hexachlorobenzene	16.601	284	288665	41.247	ng		96
69) Atrazine	16.748	200	162862	34.831	ng		99
70) Pentachlorophenol	16.942	266	187727	41.881	ng		95
71) Phenanthrene	17.330	178	1093357	40.910	ng		98
72) Anthracene	17.424	178	1087595	41.389	ng		99
73) Carbazole	17.694	167	1001028	41.439	ng		99
74) Di-n-butylphthalate	18.258	149	1112962	40.854	ng		99
75) Fluoranthene	19.345	202	1404462	41.550	ng		99
77) Benzidine	19.527	184	559283	52.865	ng		99
78) Pyrene	19.703	202	1474063	39.507	ng		100
80) Butylbenzylphthalate	20.597	149	423363	38.630	ng		97
81) Benzo(a)anthracene	21.519	228	1461839	39.486	ng		99
82) 3,3'-Dichlorobenzidine	21.437	252	482386	39.998	ng		97
83) Chrysene	21.584	228	1425021	40.185	ng		100
84) Bis(2-ethylhexyl)phtha...	21.437	149	647001	38.860	ng		98
85) Di-n-octyl phthalate	22.600	149	1105388	37.918	ng		99
87) Indeno(1,2,3-cd)pyrene	28.076	276	1754364	40.806	ng	#	93
88) Benzo(b)fluoranthene	23.640	252	1472106	39.751	ng		100
89) Benzo(k)fluoranthene	23.705	252	1487586	41.064	ng		100
90) Benzo(a)pyrene	24.463	252	1310994	40.071	ng		99
91) Dibenzo(a,h)anthracene	28.135	278	1454960	41.082	ng		99
92) Benzo(g,h,i)perylene	29.157	276	1466437	41.062	ng		99

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

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