Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011024\
Data File : BG060294.D
Acq On : 10 Jan 2024 10:07
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jan 10 10:41:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	282894	20.000	ng		0.00
21) Naphthalene-d8	10.737	136	1182197	20.000	ng		0.00
39) Acenaphthene-d10	14.573	164	840880	20.000	ng		0.00
64) Phenanthrene-d10	17.317	188	2002732	20.000	ng		0.00
76) Chrysene-d12	21.589	240	1827099	20.000	ng		0.01
86) Perylene-d12	24.756	264	2114564	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.508	112	1520788	88.421	ng		0.00
7) Phenol-d6	7.100	99	2121669	83.306	ng		0.00
23) Nitrobenzene-d5	9.098	82	2225861	88.907	ng		0.00
42) 2,4,6-Tribromophenol	16.066	330	964154	77.932	ng		0.01
45) 2-Fluorobiphenyl	13.199	172	4825317	79.782	ng		0.01
79) Terphenyl-d14	19.938	244	5958706	80.706	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.416	88	318898	40.590	ng		98
3) Pyridine	3.810	79	953040	42.994	ng		94
4) n-Nitrosodimethylamine	3.727	42	312605	45.061	ng		100
6) Aniline	7.264	93	1059380	41.615	ng		99
8) 2-Chlorophenol	7.499	128	652963	38.307	ng		98
9) Benzaldehyde	7.076	77	580232	39.691	ng		95
10) Phenol	7.129	94	1065148	41.713	ng		99
11) bis(2-Chloroethyl)ether	7.358	93	842404	40.485	ng		100
12) 1,3-Dichlorobenzene	7.823	146	842191	39.363	ng		97
13) 1,4-Dichlorobenzene	7.969	146	864688	39.833	ng		99
14) 1,2-Dichlorobenzene	8.287	146	857833	38.430	ng		99
15) Benzyl Alcohol	8.175	79	693379	42.058	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	1011037	40.033	ng		100
17) 2-Methylphenol	8.375	107	690493	39.369	ng		98
18) Hexachloroethane	9.015	117	292225	38.394	ng		96
19) n-Nitroso-di-n-propyla...	8.739	70	726183	41.198	ng		96
20) 3+4-Methylphenols	8.704	107	977436	41.334	ng		97
22) Acetophenone	8.757	105	1336453	41.126	ng	#	99
24) Nitrobenzene	9.139	77	1013152	39.038	ng		97
25) Isophorone	9.662	82	1999838	39.776	ng		98
26) 2-Nitrophenol	9.850	139	386001	40.451	ng		97
27) 2,4-Dimethylphenol	9.908	122	487253	38.643	ng		96
28) bis(2-Chloroethoxy)met...	10.143	93	1201858	39.123	ng		99
29) 2,4-Dichlorophenol	10.384	162	813208	39.799	ng		99
30) 1,2,4-Trichlorobenzene	10.602	180	996101	39.185	ng		95
31) Naphthalene	10.790	128	2426901	39.163	ng		99
32) Benzoic acid	10.055	122	411561	39.306	ng		91
33) 4-Chloroaniline	10.895	127	953039	39.914	ng		99
34) Hexachlorobutadiene	11.072	225	630596	38.080	ng		95
35) Caprolactam	11.677	113	260385	39.565	ng		95
36) 4-Chloro-3-methylphenol	12.018	107	804626	38.762	ng		99
37) 2-Methylnaphthalene	12.400	142	1759097	38.274	ng		98
38) 1-Methylnaphthalene	12.617	142	1733279	37.556	ng		100
40) 1,2,4,5-Tetrachloroben...	12.764	216	1134417	37.986	ng		100
41) Hexachlorocyclopentadiene	12.740	237	397688	40.109	ng		99
43) 2,4,6-Trichlorophenol	13.005	196	742368	39.061	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	833570	39.765	ng		98
46) 1,1'-Biphenyl	13.404	154	2485337	39.156	ng		98
47) 2-Chloronaphthalene	13.451	162	2087595	38.392	ng		99
48) 2-Nitroaniline	13.651	65	551875	40.753	ng		100
49) Acenaphthylene	14.297	152	2938785	39.247	ng		99
50) Dimethylphthalate	14.027	163	2469848	38.436	ng		100
51) 2,6-Dinitrotoluene	14.145	165	552833	40.319	ng	#	88
52) Acenaphthene	14.638	154	1845941	39.590	ng		99
53) 3-Nitroaniline	14.479	138	516271	41.322	ng		96
54) 2,4-Dinitrophenol	14.685	184	286846	39.387	ng		95
55) Dibenzofuran	14.973	168	3047928	39.159	ng		98
56) 4-Nitrophenol	14.785	139	407737	43.998	ng		99
57) 2,4-Dinitrotoluene	14.938	165	772423	41.081	ng		93
58) Fluorene	15.619	166	2473960	38.382	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.196	232	720268	40.463	ng		98
60) Diethylphthalate	15.390	149	2385247	38.665	ng		99
61) 4-Chlorophenyl-phenyle...	15.613	204	1344090	37.854	ng		98
62) 4-Nitroaniline	15.649	138	534575	40.201	ng		100
63) Azobenzene	15.907	77	2424304	38.854	ng		99
65) 4,6-Dinitro-2-methylph...	15.702	198	461093	41.617	ng		95
66) n-Nitrosodiphenylamine	15.831	169	2108310	39.647	ng		97
67) 4-Bromophenyl-phenylether	16.507	248	879437	39.964	ng		98
68) Hexachlorobenzene	16.624	284	1031333	39.592	ng		98
69) Atrazine	16.777	200	738029	36.806	ng		99
70) Pentachlorophenol	16.971	266	652662	46.483	ng		95
71) Phenanthrene	17.364	178	3784385	39.094	ng		99
72) Anthracene	17.452	178	3800605	39.324	ng		97
73) Carbazole	17.723	167	3574827	39.234	ng		98
74) Di-n-butylphthalate	18.281	149	3701951	39.487	ng		99
75) Fluoranthene	19.380	202	4364235	37.536	ng		99
77) Benzidine	19.562	184	1914130	48.222	ng		99
78) Pyrene	19.738	202	4469104	38.303	ng		99
80) Butylbenzylphthalate	20.631	149	1678321	41.809	ng		97
81) Benzo(a)anthracene	21.565	228	4442646	39.277	ng		97
82) 3,3'-Dichlorobenzidine	21.489	252	1805776	41.687	ng		98
83) Chrysene	21.636	228	4324132	38.870	ng		99
84) Bis(2-ethylhexyl)phtha...	21.471	149	2574738	42.446	ng		97
85) Di-n-octyl phthalate	22.664	149	4306882	43.814	ng		98
87) Indeno(1,2,3-cd)pyrene	28.369	276	5959878	40.536	ng		99
88) Benzo(b)fluoranthene	23.751	252	5092389	40.765	ng		99
89) Benzo(k)fluoranthene	23.821	252	4930132	39.994	ng		100
90) Benzo(a)pyrene	24.609	252	4558160	40.393	ng		100
91) Dibenzo(a,h)anthracene	28.445	278	4925770	41.023	ng		99
92) Benzo(g,h,i)perylene	29.521	276	4988401	40.535	ng		100

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

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