Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010824\
Data File : BG060289.D
Acq On : 8 Jan 2024 19:54
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2024
Supervised By :mohammad ahmed 01/10/2024

Quant Time: Jan 09 04:02:44 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 03:51:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.932	152	260027	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	1041249	20.000	ng		0.00
39) Acenaphthene-d10	14.571	164	741452	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1777918	20.000	ng		0.00
76) Chrysene-d12	21.580	240	1604299	20.000	ng		0.00
86) Perylene-d12	24.741	264	1764771	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.505	112	2015347	127.480	ng		0.00
7) Phenol-d6	7.097	99	2678794	114.431	ng		0.00
23) Nitrobenzene-d5	9.101	82	2762110	125.260	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	1352319	123.965	ng		0.00
45) 2-Fluorobiphenyl	13.190	172	5600093	105.009	ng		0.00
79) Terphenyl-d14	19.935	244	6659908	126.579	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.413	88	448888	62.160	ng		100
3) Pyridine	3.807	79	1283485m	63.038	ng		
4) n-Nitrosodimethylamine	3.725	42	403462	63.026	ng		94
6) Aniline	7.262	93	1504817	64.311	ng		98
8) 2-Chlorophenol	7.497	128	988619	63.099	ng		98
9) Benzaldehyde	7.074	77	690552	51.474	ng		95
10) Phenol	7.127	94	1351926	57.600	ng		98
11) bis(2-Chloroethyl)ether	7.356	93	1205524	63.031	ng		96
12) 1,3-Dichlorobenzene	7.820	146	1184073	60.210	ng		99
13) 1,4-Dichlorobenzene	7.967	146	1205522	60.417	ng		99
14) 1,2-Dichlorobenzene	8.284	146	1189419	57.971	ng		99
15) Benzyl Alcohol	8.173	79	960678	63.396	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.460	45	1376489	59.300	ng		99
17) 2-Methylphenol	8.372	107	977935	60.662	ng		99
18) Hexachloroethane	9.013	117	411163	58.772	ng		99
19) n-Nitroso-di-n-propyla...	8.742	70	996727	61.519	ng		99
20) 3+4-Methylphenols	8.707	107	1342541	61.766	ng		98
22) Acetophenone	8.754	105	1795720	62.739	ng	#	98
24) Nitrobenzene	9.142	77	1433750	62.721	ng		97
25) Isophorone	9.659	82	2668660	60.263	ng		97
26) 2-Nitrophenol	9.847	139	558687	66.473	ng		99
27) 2,4-Dimethylphenol	9.906	122	699838	63.015	ng		98
28) bis(2-Chloroethoxy)met...	10.141	93	1666864	61.605	ng		99
29) 2,4-Dichlorophenol	10.382	162	1166385	64.810	ng		99
30) 1,2,4-Trichlorobenzene	10.599	180	1398742	62.472	ng		94
31) Naphthalene	10.787	128	3266491	59.847	ng		99
32) Benzoic acid	10.064	122	590641	57.641	ng		92
33) 4-Chloroaniline	10.893	127	1307592	62.175	ng		100
34) Hexachlorobutadiene	11.069	225	893923	61.289	ng		97
35) Caprolactam	11.680	113	348834	60.180	ng		96
36) 4-Chloro-3-methylphenol	12.021	107	1133754	62.011	ng		96
37) 2-Methylnaphthalene	12.391	142	2423798	59.875	ng		97
38) 1-Methylnaphthalene	12.614	142	2413078	59.363	ng		97
40) 1,2,4,5-Tetrachloroben...	12.761	216	1584196	60.160	ng		100
41) Hexachlorocyclopentadiene	12.738	237	592703	67.794	ng		96
43) 2,4,6-Trichlorophenol	13.002	196	1060740	63.297	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.073	196	1178244	63.745	ng		98
46) 1,1'-Biphenyl	13.402	154	3299141	58.947	ng		98
47) 2-Chloronaphthalene	13.449	162	2906558	60.620	ng		99
48) 2-Nitroaniline	13.649	65	789231	66.096	ng		98
49) Acenaphthylene	14.295	152	3911205	59.237	ng		97
50) Dimethylphthalate	14.025	163	3334421	58.849	ng		99
51) 2,6-Dinitrotoluene	14.142	165	799787	66.151	ng		93
52) Acenaphthene	14.636	154	2500010	60.808	ng		98
53) 3-Nitroaniline	14.477	138	717326	65.113	ng		97
54) 2,4-Dinitrophenol	14.677	184	416605	59.319	ng		97
55) Dibenzofuran	14.970	168	4000805	58.294	ng		95
56) 4-Nitrophenol	14.782	139	546901	66.929	ng		99
57) 2,4-Dinitrotoluene	14.929	165	1093886	65.979	ng		96
58) Fluorene	15.617	166	3321740	58.445	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.194	232	1012404	64.502	ng		99
60) Diethylphthalate	15.388	149	3213626	59.079	ng		96
61) 4-Chlorophenyl-phenyle...	15.611	204	1865907	59.596	ng		99
62) 4-Nitroaniline	15.646	138	737049	62.931	ng		97
63) Azobenzene	15.905	77	3257565	59.209	ng		97
65) 4,6-Dinitro-2-methylph...	15.693	198	661138	67.218	ng		96
66) n-Nitrosodiphenylamine	15.822	169	2876581	60.934	ng		96
67) 4-Bromophenyl-phenylether	16.504	248	1216372	62.264	ng		98
68) Hexachlorobenzene	16.622	284	1409748	60.963	ng		98
69) Atrazine	16.774	200	1052862	59.147	ng		99
70) Pentachlorophenol	16.962	266	860596	69.126	ng		95
71) Phenanthrene	17.356	178	4804419	55.907	ng		93
72) Anthracene	17.450	178	4868780	56.747	ng	#	93
73) Carbazole	17.720	167	4562352	56.404	ng		95
74) Di-n-butylphthalate	18.278	149	4560120	54.792	ng	#	94
75) Fluoranthene	19.371	202	5415286	52.465	ng		91
77) Benzidine	19.559	184	2213626	63.512	ng		99
78) Pyrene	19.735	202	5567778	54.346	ng		91
80) Butylbenzylphthalate	20.623	149	2270821	64.426	ng		99
81) Benzo(a)anthracene	21.557	228	5565935	56.041	ng		90
82) 3,3'-Dichlorobenzidine	21.480	252	2355231	61.922	ng		100
83) Chrysene	21.627	228	5459549	55.892	ng		92
84) Bis(2-ethylhexyl)phtha...	21.463	149	3340491	62.718	ng		94
85) Di-n-octyl phthalate	22.656	149	5278624	61.158	ng		99
87) Indeno(1,2,3-cd)pyrene	28.355	276	7657492	62.405	ng	#	94
88) Benzo(b)fluoranthene	23.743	252	6276941	60.207	ng		99
89) Benzo(k)fluoranthene	23.807	252	6134412	59.627	ng		97
90) Benzo(a)pyrene	24.595	252	5750117	61.055	ng		97
91) Dibenzo(a,h)anthracene	28.414	278	6242710	62.296	ng		99
92) Benzo(g,h,i)perylene	29.489	276	6354659	61.872	ng		98

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

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