Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010824\
Data File : BG060290.D
Acq On : 8 Jan 2024 20:34
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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

Quant Time: Jan 09 04:04:12 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	7.938	152	262758	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	967905	20.000	ng		0.00
39) Acenaphthene-d10	14.571	164	703802	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1696525	20.000	ng		0.00
76) Chrysene-d12	21.580	240	1550214	20.000	ng		0.00
86) Perylene-d12	24.741	264	1757861	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.505	112	2598614	162.665	ng		0.00
7) Phenol-d6	7.103	99	3808139	160.983	ng		0.00
23) Nitrobenzene-d5	9.101	82	3544278	172.910	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	1695599	163.748	ng		0.00
45) 2-Fluorobiphenyl	13.196	172	6395986	126.349	ng		0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.413	88	578647	79.295	ng		98
3) Pyridine	3.807	79	1681213m	81.714	ng		
4) n-Nitrosodimethylamine	3.725	42	533762	82.514	ng		100
6) Aniline	7.262	93	1962170	82.986	ng		98
8) 2-Chlorophenol	7.497	128	1294442	81.760	ng		97
9) Benzaldehyde	7.074	77	942753	69.542	ng		96
10) Phenol	7.127	94	1963574	82.790	ng		96
11) bis(2-Chloroethyl)ether	7.356	93	1592586	82.404	ng		98
12) 1,3-Dichlorobenzene	7.820	146	1566284	78.817	ng		96
13) 1,4-Dichlorobenzene	7.967	146	1601135	79.411	ng		99
14) 1,2-Dichlorobenzene	8.284	146	1563627	75.418	ng		98
15) Benzyl Alcohol	8.173	79	1265067	82.616	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.460	45	1790583	76.337	ng		99
17) 2-Methylphenol	8.372	107	1271926	78.078	ng		99
18) Hexachloroethane	9.013	117	552344	78.132	ng		99
19) n-Nitroso-di-n-propyla...	8.742	70	1290967	78.851	ng		97
20) 3+4-Methylphenols	8.707	107	1752776	79.801	ng		98
22) Acetophenone	8.754	105	2328033	87.500	ng	#	98
24) Nitrobenzene	9.142	77	1848466	86.991	ng		97
25) Isophorone	9.659	82	3386148	82.259	ng		97
26) 2-Nitrophenol	9.847	139	730244	93.468	ng		99
27) 2,4-Dimethylphenol	9.906	122	925200	89.620	ng		95
28) bis(2-Chloroethoxy)met...	10.141	93	2070332	82.315	ng		97
29) 2,4-Dichlorophenol	10.382	162	1457664	87.133	ng		99
30) 1,2,4-Trichlorobenzene	10.599	180	1729026	83.075	ng		93
31) Naphthalene	10.787	128	3934769	77.553	ng		98
32) Benzoic acid	10.088	122	840816	82.889	ng		92
33) 4-Chloroaniline	10.893	127	1669184	85.383	ng		99
34) Hexachlorobutadiene	11.069	225	1122156	82.767	ng		95
35) Caprolactam	11.692	113	453078	84.086	ng		98
36) 4-Chloro-3-methylphenol	12.021	107	1429201	84.094	ng		96
37) 2-Methylnaphthalene	12.397	142	2977541	79.128	ng		97
38) 1-Methylnaphthalene	12.614	142	2954985	78.203	ng		100
40) 1,2,4,5-Tetrachloroben...	12.761	216	1989478	79.593	ng		99
41) Hexachlorocyclopentadiene	12.738	237	761078	91.710	ng		99
43) 2,4,6-Trichlorophenol	13.002	196	1325012	83.297	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.073	196	1475645	84.105	ng		97
46) 1,1'-Biphenyl	13.402	154	3928349	73.945	ng		93
47) 2-Chloronaphthalene	13.449	162	3416539	75.069	ng		96
48) 2-Nitroaniline	13.654	65	996329	87.904	ng		96
49) Acenaphthylene	14.295	152	4702903	75.038	ng		93
50) Dimethylphthalate	14.030	163	3937131	73.204	ng		97
51) 2,6-Dinitrotoluene	14.148	165	981340	85.510	ng		90
52) Acenaphthene	14.636	154	3073900	78.767	ng		96
53) 3-Nitroaniline	14.477	138	916774	87.669	ng		98
54) 2,4-Dinitrophenol	14.683	184	572398	82.019	ng		95
55) Dibenzofuran	14.970	168	4656689	71.480	ng	#	88
56) 4-Nitrophenol	14.788	139	733205	94.528	ng		98
57) 2,4-Dinitrotoluene	14.935	165	1375756	87.420	ng		98
58) Fluorene	15.617	166	3965242	73.500	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.194	232	1273134	85.452	ng		99
60) Diethylphthalate	15.388	149	3838288	74.337	ng		94
61) 4-Chlorophenyl-phenyle...	15.611	204	2259867	76.040	ng		97
62) 4-Nitroaniline	15.652	138	942682	84.794	ng		99
63) Azobenzene	15.905	77	3863916	73.987	ng		93
65) 4,6-Dinitro-2-methylph...	15.699	198	849206	90.481	ng		98
66) n-Nitrosodiphenylamine	15.828	169	3481010	77.275	ng		95
67) 4-Bromophenyl-phenylether	16.504	248	1516307	81.341	ng		97
68) Hexachlorobenzene	16.621	284	1782428	80.777	ng		98
69) Atrazine	16.774	200	1280816	75.405	ng		99
70) Pentachlorophenol	16.962	266	1133132	95.383	ng		93
71) Phenanthrene	17.362	178	5530586	67.444	ng	#	86
72) Anthracene	17.450	178	5600096	68.402	ng	#	86
73) Carbazole	17.720	167	5372900	69.612	ng	#	89
74) Di-n-butylphthalate	18.278	149	5192549	65.384	ng	#	89
75) Fluoranthene	19.371	202	6128290	62.221	ng		83
77) Benzidine	19.559	184	2785680	82.713	ng		97
78) Pyrene	19.735	202	6343656	64.080	ng	#	82
80) Butylbenzylphthalate	20.623	149	2829429	83.074	ng		96
81) Benzo(a)anthracene	21.563	228	6444500	67.151	ng	#	81
82) 3,3'-Dichlorobenzidine	21.480	252	2970974	80.836	ng		97
83) Chrysene	21.627	228	6443488	68.267	ng	#	83
84) Bis(2-ethylhexyl)phtha...	21.463	149	4043532	78.566	ng	#	89
85) Di-n-octyl phthalate	22.656	149	6361200	76.272	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.361	276	10081576	82.483	ng	#	94
88) Benzo(b)fluoranthene	23.743	252	7900143	76.075	ng		92
89) Benzo(k)fluoranthene	23.813	252	7458946	72.787	ng	#	91
90) Benzo(a)pyrene	24.600	252	7331806	78.156	ng		94
91) Dibenzo(a,h)anthracene	28.425	278	8164531	81.794	ng		96
92) Benzo(g,h,i)perylene	29.500	276	8348440	81.604	ng		97

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

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