Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122623\
Data File : BG060171.D
Acq On : 26 Dec 2023 15:15
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 27 00:38:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 27 00:38:55 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/27/2023
Supervised By :Sohil Jodhani 12/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.940	152	270157	20.000	ng		0.00
21) Naphthalene-d8	10.748	136	1207743	20.000	ng		0.00
39) Acenaphthene-d10	14.579	164	920791	20.000	ng		0.00
64) Phenanthrene-d10	17.323	188	2071213	20.000	ng		0.00
76) Chrysene-d12	21.595	240	1860607	20.000	ng		0.00
86) Perylene-d12	24.761	264	2033578	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.513	112	2084412	123.507	ng		0.00
7) Phenol-d6	7.106	99	3252139	122.063	ng		0.00
23) Nitrobenzene-d5	9.109	82	3109327	121.691	ng		0.00
42) 2,4,6-Tribromophenol	16.072	330	1451471	117.464	ng		0.00
45) 2-Fluorobiphenyl	13.204	172	6066954	103.344	ng		0.00
79) Terphenyl-d14	19.944	244	6933378	80.558	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.416	88	406102	57.140	ng		97
3) Pyridine	3.809	79	1236000m	58.707	ng		
4) n-Nitrosodimethylamine	3.727	42	496404	59.557	ng		95
6) Aniline	7.270	93	1676576	61.122	ng		100
8) 2-Chlorophenol	7.505	128	1109313	62.098	ng		99
9) Benzaldehyde	7.082	77	805803m	53.402	ng		
10) Phenol	7.135	94	1711558	62.398	ng		99
11) bis(2-Chloroethyl)ether	7.364	93	1320395	60.878	ng		99
12) 1,3-Dichlorobenzene	7.828	146	1234015	58.921	ng		97
13) 1,4-Dichlorobenzene	7.975	146	1275968	59.552	ng		98
14) 1,2-Dichlorobenzene	8.298	146	1277232	59.255	ng		96
15) Benzyl Alcohol	8.181	79	1148741	61.302	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.469	45	1824342	58.694	ng		97
17) 2-Methylphenol	8.381	107	1145984	61.643	ng		96
18) Hexachloroethane	9.021	117	439006	59.769	ng		89
19) n-Nitroso-di-n-propyla...	8.751	70	1171403	58.391	ng		99
20) 3+4-Methylphenols	8.716	107	1540119	59.214	ng		98
22) Acetophenone	8.763	105	2069025	59.409	ng	#	98
24) Nitrobenzene	9.150	77	1641729	61.486	ng		98
25) Isophorone	9.667	82	3165610	58.125	ng		99
26) 2-Nitrophenol	9.855	139	654655	62.498	ng		91
27) 2,4-Dimethylphenol	9.914	122	846611	64.534	ng		99
28) bis(2-Chloroethoxy)met...	10.149	93	1922965	59.561	ng		99
29) 2,4-Dichlorophenol	10.390	162	1340364	63.067	ng		97
30) 1,2,4-Trichlorobenzene	10.607	180	1480149	61.089	ng		98
31) Naphthalene	10.795	128	3647502	58.385	ng		97
32) Benzoic acid	10.090	122	863674	58.665	ng		99
33) 4-Chloroaniline	10.907	127	1525041	60.082	ng		98
34) Hexachlorobutadiene	11.077	225	874958	60.646	ng		96
35) Caprolactam	11.706	113	432935	56.592	ng	#	89
36) 4-Chloro-3-methylphenol	12.029	107	1395963	60.617	ng		99
37) 2-Methylnaphthalene	12.405	142	2839224	59.238	ng		99
38) 1-Methylnaphthalene	12.623	142	2807742	58.308	ng		98
40) 1,2,4,5-Tetrachloroben...	12.770	216	1723474	62.058	ng		99
41) Hexachlorocyclopentadiene	12.752	237	643604	70.386	ng		95
43) 2,4,6-Trichlorophenol	13.010	196	1173647	61.919	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.087	196	1334647	62.860	ng		99
46) 1,1'-Biphenyl	13.416	154	3798696	58.014	ng		96
47) 2-Chloronaphthalene	13.457	162	3311889	59.378	ng		96
48) 2-Nitroaniline	13.663	65	1029031	61.847	ng		96
49) Acenaphthylene	14.303	152	4520705	56.604	ng	#	93
50) Dimethylphthalate	14.039	163	3833007	55.405	ng		96
51) 2,6-Dinitrotoluene	14.156	165	978214	62.242	ng		96
52) Acenaphthene	14.644	154	2989242	58.884	ng		96
53) 3-Nitroaniline	14.491	138	875118	61.281	ng		97
54) 2,4-Dinitrophenol	14.691	184	551752	69.166	ng		96
55) Dibenzofuran	14.979	168	4539586	54.640	ng		92
56) 4-Nitrophenol	14.797	139	714008	64.413	ng		98
57) 2,4-Dinitrotoluene	14.944	165	1341498	62.079	ng		99
58) Fluorene	15.631	166	3841370	54.858	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.202	232	1091034	59.468	ng		99
60) Diethylphthalate	15.402	149	3798109	54.971	ng		95
61) 4-Chlorophenyl-phenyle...	15.619	204	2098503	57.538	ng		97
62) 4-Nitroaniline	15.660	138	967183	61.540	ng		98
63) Azobenzene	15.913	77	3873925	55.181	ng		91
65) 4,6-Dinitro-2-methylph...	15.707	198	801496	69.663	ng		96
66) n-Nitrosodiphenylamine	15.837	169	3386689	60.111	ng		96
67) 4-Bromophenyl-phenylether	16.512	248	1384467	62.929	ng		100
68) Hexachlorobenzene	16.630	284	1578107	61.339	ng		99
69) Atrazine	16.783	200	1096230	65.080	ng		99
70) Pentachlorophenol	16.971	266	924164	65.814	ng		90
71) Phenanthrene	17.370	178	5253988	53.482	ng		92
72) Anthracene	17.458	178	5324800	54.225	ng	#	90
73) Carbazole	17.728	167	5129095	54.423	ng	#	90
74) Di-n-butylphthalate	18.287	149	5109403	51.402	ng	#	90
75) Fluoranthene	19.379	202	5791169	48.672	ng		86
77) Benzidine	19.567	184	2452949	75.441	ng		99
78) Pyrene	19.744	202	5954899	49.394	ng	#	85
80) Butylbenzylphthalate	20.631	149	2715498	59.058	ng		92
81) Benzo(a)anthracene	21.571	228	6008863	52.486	ng	#	89
82) 3,3'-Dichlorobenzidine	21.489	252	2385077	59.130	ng		99
83) Chrysene	21.642	228	5729458	52.233	ng	#	88
84) Bis(2-ethylhexyl)phtha...	21.477	149	3893215	56.627	ng		93
85) Di-n-octyl phthalate	22.676	149	6182553	54.949	ng		96
87) Indeno(1,2,3-cd)pyrene	28.392	276	8844559	61.380	ng	#	93
88) Benzo(b)fluoranthene	23.757	252	6972808	57.745	ng		93
89) Benzo(k)fluoranthene	23.827	252	6790123m	56.839	ng		
90) Benzo(a)pyrene	24.620	252	6532709	59.491	ng	#	95
91) Dibenzo(a,h)anthracene	28.457	278	7123600	60.481	ng		97
92) Benzo(g,h,i)perylene	29.538	276	7335353	61.321	ng		99

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

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