Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060490.D
Acq On : 30 Jan 2024 19:22
Operator : MA/JU
Sample : PB158704BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 31 01:23:39 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

Instrument :
BNA_G
ClientSampleId :
PB158704BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.918	152	158390	20.000	ng		-0.01
21) Naphthalene-d8	10.727	136	697258	20.000	ng		0.00
39) Acenaphthene-d10	14.564	164	567328	20.000	ng		0.00
64) Phenanthrene-d10	17.307	188	1541121	20.000	ng		0.00
76) Chrysene-d12	21.573	240	1447575	20.000	ng		0.00
86) Perylene-d12	24.728	264	1439479	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1195387	124.134	ng		0.00
7) Phenol-d6	7.096	99	1845178	129.400	ng		0.00
23) Nitrobenzene-d5	9.088	82	1093280	74.040	ng		0.00
42) 2,4,6-Tribromophenol	16.056	330	1106678	132.583	ng		0.00
45) 2-Fluorobiphenyl	13.183	172	2942794	72.117	ng		0.00
79) Terphenyl-d14	19.928	244	4927232	86.352	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.394	88	116534	26.492	ng	#	97
3) Pyridine	3.788	79	281009	22.642	ng		92
4) n-Nitrosodimethylamine	3.706	42	125132	32.216	ng		93
6) Aniline	7.249	93	442921	31.076	ng		99
8) 2-Chlorophenol	7.490	128	429163	44.969	ng		93
9) Benzaldehyde	7.061	77	56813m	6.941	ng		
10) Phenol	7.119	94	661769	46.287	ng		97
11) bis(2-Chloroethyl)ether	7.343	93	446864	38.357	ng		96
12) 1,3-Dichlorobenzene	7.813	146	453153	37.829	ng		100
13) 1,4-Dichlorobenzene	7.960	146	465593	38.308	ng		99
14) 1,2-Dichlorobenzene	8.277	146	461318	36.912	ng		96
15) Benzyl Alcohol	8.159	79	454184	49.205	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.453	45	596257	42.168	ng		96
17) 2-Methylphenol	8.365	107	440894	44.898	ng		98
18) Hexachloroethane	9.000	117	163058	38.264	ng		96
19) n-Nitroso-di-n-propyla...	8.723	70	402702	40.804	ng		93
20) 3+4-Methylphenols	8.694	107	626952	47.353	ng		97
22) Acetophenone	8.747	105	779243	40.657	ng	#	98
24) Nitrobenzene	9.129	77	569240	37.188	ng		95
25) Isophorone	9.646	82	1158074	39.053	ng		97
26) 2-Nitrophenol	9.840	139	260996	46.373	ng	#	96
27) 2,4-Dimethylphenol	9.899	122	472279	63.505	ng		97
28) bis(2-Chloroethoxy)met...	10.134	93	684369	37.772	ng		99
29) 2,4-Dichlorophenol	10.374	162	554248	45.990	ng		99
30) 1,2,4-Trichlorobenzene	10.586	180	543787	36.269	ng		94
31) Naphthalene	10.774	128	1388795	37.998	ng		99
32) Benzoic acid	10.057	122	282775	44.107	ng		91
33) 4-Chloroaniline	10.886	127	368003	26.131	ng		99
34) Hexachlorobutadiene	11.056	225	363138	37.180	ng		98
35) Caprolactam	11.667	113	199810m	51.477	ng		
36) 4-Chloro-3-methylphenol	12.014	107	594392	48.550	ng		96
37) 2-Methylnaphthalene	12.384	142	1107041	40.839	ng		99
38) 1-Methylnaphthalene	12.607	142	1034544	38.006	ng		98
40) 1,2,4,5-Tetrachloroben...	12.754	216	772665	38.348	ng		99
41) Hexachlorocyclopentadiene	12.730	237	607305	90.784	ng		97
43) 2,4,6-Trichlorophenol	12.995	196	553815	43.191	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	613828	43.401	ng		98
46) 1,1'-Biphenyl	13.394	154	1650140	38.533	ng		98
47) 2-Chloronaphthalene	13.441	162	1334809	36.384	ng		100
48) 2-Nitroaniline	13.647	65	422465	46.240	ng		94
49) Acenaphthylene	14.288	152	2078167	41.135	ng		99
50) Dimethylphthalate	14.017	163	1829271	42.194	ng		98
51) 2,6-Dinitrotoluene	14.141	165	412895	44.633	ng		98
52) Acenaphthene	14.628	154	1235728	39.282	ng		97
53) 3-Nitroaniline	14.470	138	296210	35.140	ng		96
54) 2,4-Dinitrophenol	14.681	184	480557	85.067	ng		97
55) Dibenzofuran	14.963	168	2130510	40.570	ng		98
56) 4-Nitrophenol	14.787	139	620409	99.227	ng		96
57) 2,4-Dinitrotoluene	14.928	165	579461	45.678	ng		96
58) Fluorene	15.609	166	1761289	40.501	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	584989	48.709	ng		99
60) Diethylphthalate	15.380	149	1776460	42.681	ng		99
61) 4-Chlorophenyl-phenyle...	15.604	204	991414	41.384	ng		99
62) 4-Nitroaniline	15.639	138	396514	44.197	ng		92
63) Azobenzene	15.897	77	1661786	39.475	ng		98
65) 4,6-Dinitro-2-methylph...	15.692	198	387317	45.429	ng		95
66) n-Nitrosodiphenylamine	15.821	169	1645718	40.217	ng		100
67) 4-Bromophenyl-phenylether	16.497	248	685003	40.452	ng		97
68) Hexachlorobenzene	16.614	284	769600	38.394	ng		98
69) Atrazine	16.767	200	907608	58.821	ng		99
70) Pentachlorophenol	16.961	266	1020624	94.462	ng		94
71) Phenanthrene	17.354	178	3081012	41.361	ng		98
72) Anthracene	17.443	178	3052575	41.045	ng		97
73) Carbazole	17.713	167	2825385	40.297	ng		98
74) Di-n-butylphthalate	18.271	149	2971585	41.191	ng		99
75) Fluoranthene	19.370	202	3551411	39.694	ng		92
77) Benzidine	19.552	184	383981	12.210	ng		99
78) Pyrene	19.728	202	3663835	39.634	ng		93
80) Butylbenzylphthalate	20.615	149	1395231	43.870	ng		96
81) Benzo(a)anthracene	21.555	228	3754278	41.893	ng		97
82) 3,3'-Dichlorobenzidine	21.473	252	1268481	36.961	ng		99
83) Chrysene	21.620	228	3528634	40.036	ng		95
84) Bis(2-ethylhexyl)phtha...	21.456	149	2011927	41.864	ng		97
85) Di-n-octyl phthalate	22.642	149	3428785	44.027	ng		99
87) Indeno(1,2,3-cd)pyrene	28.342	276	4562219	45.582	ng	#	96
88) Benzo(b)fluoranthene	23.729	252	3929333	46.207	ng		96
89) Benzo(k)fluoranthene	23.800	252	3905306	46.538	ng		98
90) Benzo(a)pyrene	24.587	252	3490337	45.436	ng		99
91) Dibenzo(a,h)anthracene	28.406	278	3822628	46.766	ng		99
92) Benzo(g,h,i)perylene	29.481	276	3785959	45.192	ng		97

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

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