Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
Data File : BG058868.D
Acq On : 28 Aug 2023 11:11
Operator : MA/JU
Sample : PB155117BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 29 01:09:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 27 03:38:58 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB155117BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

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08/29/2023

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.823	152	16714	20.000	ng		0.00
21) Naphthalene-d8	10.625	136	69301	20.000	ng		0.00
39) Acenaphthene-d10	14.474	164	47887	20.000	ng		0.00
64) Phenanthrene-d10	17.218	188	116135	20.000	ng		0.00
76) Chrysene-d12	21.460	240	97321	20.000	ng		0.00
86) Perylene-d12	24.538	264	121747	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	153032	147.342	ng		0.00
7) Phenol-d6	7.000	99	202458	138.937	ng		0.00
23) Nitrobenzene-d5	8.992	82	125492	87.060	ng		0.00
42) 2,4,6-Tribromophenol	15.966	330	106850	142.304	ng		0.00
45) 2-Fluorobiphenyl	13.093	172	288610	87.659	ng		0.00
79) Terphenyl-d14	19.832	244	540851	99.788	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	17139	35.099	ng		96
3) Pyridine	3.675	79	43839	33.974	ng		88
4) n-Nitrosodimethylamine	3.598	42	33120	47.212	ng		100
6) Aniline	7.153	93	57328	32.183	ng		96
8) 2-Chlorophenol	7.394	128	55748	53.086	ng		96
9) Benzaldehyde	6.965	77	21888m	26.778	ng		
10) Phenol	7.024	94	73015	51.963	ng		99
11) bis(2-Chloroethyl)ether	7.247	93	49226	44.897	ng		99
12) 1,3-Dichlorobenzene	7.711	146	55356	49.626	ng		96
13) 1,4-Dichlorobenzene	7.858	146	56460	50.054	ng		97
14) 1,2-Dichlorobenzene	8.175	146	54708	50.180	ng		96
15) Benzyl Alcohol	8.064	79	53923	51.757	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.351	45	115357	49.369	ng		97
17) 2-Methylphenol	8.275	107	48723	47.211	ng		96
18) Hexachloroethane	8.898	117	21087	51.309	ng		94
19) n-Nitroso-di-n-propyla...	8.628	70	42589	45.214	ng		99
20) 3+4-Methylphenols	8.604	107	65928	47.516	ng		98
22) Acetophenone	8.651	105	84311	44.943	ng	#	97
24) Nitrobenzene	9.033	77	64090	44.704	ng	#	97
25) Isophorone	9.550	82	122370	42.689	ng		100
26) 2-Nitrophenol	9.744	139	29552	49.287	ng		97
27) 2,4-Dimethylphenol	9.803	122	48934	48.155	ng		97
28) bis(2-Chloroethoxy)met...	10.032	93	66992	44.120	ng		97
29) 2,4-Dichlorophenol	10.285	162	54554	52.244	ng		94
30) 1,2,4-Trichlorobenzene	10.490	180	59780	47.409	ng		99
31) Naphthalene	10.678	128	164304	45.154	ng		99
32) Benzoic acid	9.973	122	26888	43.751	ng		96
33) 4-Chloroaniline	10.796	127	35486	23.124	ng		96
34) Hexachlorobutadiene	10.954	225	41226	48.443	ng		98
35) Caprolactam	11.565	113	17583m	46.991	ng		
36) 4-Chloro-3-methylphenol	11.924	107	62989	48.507	ng		97
37) 2-Methylnaphthalene	12.288	142	114672	43.878	ng		97
38) 1-Methylnaphthalene	12.511	142	110772	44.652	ng		100
40) 1,2,4,5-Tetrachloroben...	12.664	216	69013	46.747	ng		100
41) Hexachlorocyclopentadiene	12.635	237	52943	89.934	ng		94
43) 2,4,6-Trichlorophenol	12.905	196	47657	50.733	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	53143	47.243	ng		96
46) 1,1'-Biphenyl	13.305	154	150348	45.576	ng		98
47) 2-Chloronaphthalene	13.346	162	121948	47.436	ng		98
48) 2-Nitroaniline	13.563	65	44472	45.548	ng		100
49) Acenaphthylene	14.192	152	199452	46.784	ng		99
50) Dimethylphthalate	13.927	163	166924	45.020	ng		99
51) 2,6-Dinitrotoluene	14.057	165	37096	47.623	ng		99
52) Acenaphthene	14.532	154	114082	45.791	ng		97
53) 3-Nitroaniline	14.391	138	23267	30.969	ng	#	93
54) 2,4-Dinitrophenol	14.603	184	39289	89.362	ng		97
55) Dibenzofuran	14.873	168	195348	45.456	ng		99
56) 4-Nitrophenol	14.709	139	51606	94.117	ng		98
57) 2,4-Dinitrotoluene	14.850	165	54178	49.866	ng	#	98
58) Fluorene	15.520	166	156611	45.791	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.102	232	47848	52.125	ng		99
60) Diethylphthalate	15.290	149	174869	45.743	ng		99
61) 4-Chlorophenyl-phenyle...	15.508	204	86968	45.877	ng		95
62) 4-Nitroaniline	15.555	138	37058	48.605	ng		93
63) Azobenzene	15.802	77	155248	44.227	ng		99
65) 4,6-Dinitro-2-methylph...	15.614	198	31644	48.205	ng		97
66) n-Nitrosodiphenylamine	15.731	169	141680	47.333	ng		99
67) 4-Bromophenyl-phenylether	16.401	248	60281	47.301	ng		98
68) Hexachlorobenzene	16.524	284	67820	49.446	ng		98
69) Atrazine	16.677	200	59828	56.479	ng		98
70) Pentachlorophenol	16.871	266	59323	82.482	ng		99
71) Phenanthrene	17.259	178	263929	47.339	ng		98
72) Anthracene	17.347	178	264366	47.278	ng		98
73) Carbazole	17.623	167	249553	48.735	ng		98
74) Di-n-butylphthalate	18.175	149	304989	47.215	ng		99
75) Fluoranthene	19.274	202	322761	46.683	ng		98
77) Benzidine	19.462	184	99342	56.956	ng		99
78) Pyrene	19.638	202	332840	49.084	ng		97
80) Butylbenzylphthalate	20.520	149	135251	49.179	ng		99
81) Benzo(a)anthracene	21.442	228	328823	48.539	ng		99
82) 3,3'-Dichlorobenzidine	21.360	252	88570	37.869	ng		100
83) Chrysene	21.507	228	306825	46.989	ng		99
84) Bis(2-ethylhexyl)phtha...	21.336	149	193558	47.987	ng		99
85) Di-n-octyl phthalate	22.488	149	335964	48.426	ng		100
87) Indeno(1,2,3-cd)pyrene	28.046	276	404189	49.070	ng	#	94
88) Benzo(b)fluoranthene	23.563	252	351901	52.094	ng		98
89) Benzo(k)fluoranthene	23.628	252	329016	47.228	ng		99
90) Benzo(a)pyrene	24.392	252	309030	46.461	ng		98
91) Dibenzo(a,h)anthracene	28.099	278	337674	49.889	ng		99
92) Benzo(g,h,i)perylene	29.151	276	328522	48.546	ng		98

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

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