Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
Data File : BG058652.D
Acq On : 9 Aug 2023 9:48
Operator : MA/JU
Sample : PB154669BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 09 10:37:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB154669BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	51649	20.000	ng		0.00
21) Naphthalene-d8	10.614	136	219162	20.000	ng		0.00
39) Acenaphthene-d10	14.462	164	145724	20.000	ng		0.00
64) Phenanthrene-d10	17.206	188	348605	20.000	ng		0.00
76) Chrysene-d12	21.454	240	309016	20.000	ng		0.00
86) Perylene-d12	24.521	264	394752	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.385	112	486542	143.983	ng		0.00
7) Phenol-d6	6.989	99	651858	138.633	ng		0.00
23) Nitrobenzene-d5	8.980	82	393219	88.140	ng		0.00
42) 2,4,6-Tribromophenol	15.954	330	305341	127.837	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	851256	87.541	ng		0.00
79) Terphenyl-d14	19.826	244	1561656	95.035	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	57952	35.392	ng		98
3) Pyridine	3.663	79	151845	34.014	ng		99
4) n-Nitrosodimethylamine	3.581	42	90903	48.058	ng		95
6) Aniline	7.135	93	253106	43.721	ng		99
8) 2-Chlorophenol	7.376	128	181632	54.790	ng		98
9) Benzaldehyde	6.947	77	97832	38.296	ng		99
10) Phenol	7.018	94	243834	53.086	ng		97
11) bis(2-Chloroethyl)ether	7.235	93	177094	48.906	ng		97
12) 1,3-Dichlorobenzene	7.699	146	176415	49.837	ng		98
13) 1,4-Dichlorobenzene	7.846	146	179351	50.460	ng		99
14) 1,2-Dichlorobenzene	8.164	146	174654	51.396	ng		98
15) Benzyl Alcohol	8.052	79	169576	56.868	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.340	45	304981	51.849	ng		99
17) 2-Methylphenol	8.263	107	166109	49.460	ng		99
18) Hexachloroethane	8.886	117	65920	51.026	ng		94
19) n-Nitroso-di-n-propyla...	8.622	70	145103	47.776	ng		99
20) 3+4-Methylphenols	8.593	107	229147	50.442	ng		99
22) Acetophenone	8.640	105	283663	48.338	ng	#	100
24) Nitrobenzene	9.021	77	210339	46.376	ng		96
25) Isophorone	9.538	82	418583	45.410	ng		100
26) 2-Nitrophenol	9.732	139	95341	48.291	ng		97
27) 2,4-Dimethylphenol	9.791	122	156590	47.817	ng		100
28) bis(2-Chloroethoxy)met...	10.026	93	238779	47.600	ng		99
29) 2,4-Dichlorophenol	10.267	162	170280	50.079	ng		99
30) 1,2,4-Trichlorobenzene	10.479	180	188518	48.076	ng		100
31) Naphthalene	10.667	128	531574	46.019	ng		99
32) Benzoic acid	9.967	122	117112	46.954	ng		97
33) 4-Chloroaniline	10.778	127	174490	35.753	ng		98
34) Hexachlorobutadiene	10.943	225	118014	46.733	ng		99
35) Caprolactam	11.566	113	62581m	49.841	ng		
36) 4-Chloro-3-methylphenol	11.912	107	203789	48.450	ng		99
37) 2-Methylnaphthalene	12.276	142	363784	44.027	ng		99
38) 1-Methylnaphthalene	12.500	142	351069	44.697	ng		99
40) 1,2,4,5-Tetrachloroben...	12.652	216	210392	47.027	ng		98
41) Hexachlorocyclopentadiene	12.623	237	227065	106.779	ng		99
43) 2,4,6-Trichlorophenol	12.893	196	152343	49.507	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	163307	45.057	ng	98
46) 1,1'-Biphenyl	13.293	154	477557	47.719	ng	98
47) 2-Chloronaphthalene	13.340	162	379255	48.604	ng	97
48) 2-Nitroaniline	13.546	65	147807	49.627	ng	96
49) Acenaphthylene	14.186	152	630182	48.238	ng	99
50) Dimethylphthalate	13.922	163	515784	47.128	ng	100
51) 2,6-Dinitrotoluene	14.045	165	115386	48.050	ng	95
52) Acenaphthene	14.527	154	354712	46.990	ng	99
53) 3-Nitroaniline	14.380	138	97244	40.475	ng	96
54) 2,4-Dinitrophenol	14.591	184	141617	102.312	ng	98
55) Dibenzofuran	14.862	168	596043	45.952	ng	99
56) 4-Nitrophenol	14.697	139	185133	102.994	ng	96
57) 2,4-Dinitrotoluene	14.838	165	168418	50.588	ng	97
58) Fluorene	15.514	166	475832	46.178	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.091	232	149027	48.185	ng	100
60) Diethylphthalate	15.285	149	526202	47.195	ng	100
61) 4-Chlorophenyl-phenyle...	15.502	204	266079	46.317	ng	98
62) 4-Nitroaniline	15.543	138	123730	54.365	ng	97
63) Azobenzene	15.796	77	516394	47.023	ng	98
65) 4,6-Dinitro-2-methylph...	15.602	198	102825	53.494	ng	99
66) n-Nitrosodiphenylamine	15.719	169	435634	48.013	ng	98
67) 4-Bromophenyl-phenylether	16.395	248	183705	46.461	ng	99
68) Hexachlorobenzene	16.519	284	207586	49.546	ng	98
69) Atrazine	16.671	200	182284	59.513	ng	99
70) Pentachlorophenol	16.865	266	218136	86.016	ng	99
71) Phenanthrene	17.253	178	788505	47.695	ng	99
72) Anthracene	17.341	178	811039	47.811	ng	99
73) Carbazole	17.617	167	769111	51.415	ng	99
74) Di-n-butylphthalate	18.170	149	933134	49.802	ng	100
75) Fluoranthene	19.268	202	987312	49.716	ng	99
77) Benzidine	19.450	184	547031	116.739	ng	99
78) Pyrene	19.627	202	1013588	48.197	ng	100
80) Butylbenzylphthalate	20.514	149	422013	48.853	ng	99
81) Benzo(a)anthracene	21.436	228	1045896	49.181	ng	100
82) 3,3'-Dichlorobenzidine	21.354	252	339314	47.191	ng	99
83) Chrysene	21.501	228	976780	47.905	ng	100
84) Bis(2-ethylhexyl)phtha...	21.336	149	615328	48.745	ng	100
85) Di-n-octyl phthalate	22.488	149	1099530	49.542	ng	99
87) Indeno(1,2,3-cd)pyrene	28.029	276	1333195	50.766	ng	100
88) Benzo(b)fluoranthene	23.551	252	1131451	52.846	ng	99
89) Benzo(k)fluoranthene	23.616	252	1051159	48.871	ng	100
90) Benzo(a)pyrene	24.380	252	997176	47.425	ng	99
91) Dibenzo(a,h)anthracene	28.087	278	1105640	50.917	ng	98
92) Benzo(g,h,i)perylene	29.127	276	1084911	49.825	ng	99

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

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