Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
Data File : BG058834.D
Acq On : 24 Aug 2023 11:47
Operator : MA/JU
Sample : PB154945BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 24 12:21:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB154945BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

09/12/2023
Supervised By :mohammad ahmed

09/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	17042	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	74073	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	53573	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	139762	20.000	ng	0.00
76) Chrysene-d12	21.450	240	118076	20.000	ng	0.00
86) Perylene-d12	24.517	264	145022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	160321	151.389	ng	0.00
7) Phenol-d6	6.985	99	214356	144.271	ng	0.00
23) Nitrobenzene-d5	8.971	82	130499	84.701	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	119612	142.393	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	307915	83.596	ng	0.00
79) Terphenyl-d14	19.823	244	646113	98.255	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.260	88	18349	36.854	ng	95
3) Pyridine	3.659	79	45253	34.395	ng	92
4) n-Nitrosodimethylamine	3.577	42	33614	46.994	ng	95
6) Aniline	7.132	93	54942	30.250	ng	100
8) 2-Chlorophenol	7.373	128	57893	54.067	ng	95
9) Benzaldehyde	6.950	77	24828m	29.790	ng	
10) Phenol	7.008	94	76835	53.629	ng	99
11) bis(2-Chloroethyl)ether	7.232	93	53927	48.238	ng	98
12) 1,3-Dichlorobenzene	7.696	146	57827	50.843	ng	94
13) 1,4-Dichlorobenzene	7.843	146	59552	51.779	ng	95
14) 1,2-Dichlorobenzene	8.160	146	56914	51.199	ng	98
15) Benzyl Alcohol	8.048	79	55250	52.010	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.330	45	118975m	49.938	ng	
17) 2-Methylphenol	8.260	107	51736	49.165	ng	97
18) Hexachloroethane	8.883	117	21568	51.469	ng	96
19) n-Nitroso-di-n-propyla...	8.612	70	44441	46.272	ng	98
20) 3+4-Methylphenols	8.589	107	70276	49.674	ng	98
22) Acetophenone	8.630	105	89147	44.460	ng	100
24) Nitrobenzene	9.012	77	66667	43.506	ng	96
25) Isophorone	9.535	82	130586	42.621	ng	99
26) 2-Nitrophenol	9.729	139	29913	46.675	ng	95
27) 2,4-Dimethylphenol	9.787	122	52339	48.188	ng	96
28) bis(2-Chloroethoxy)met...	10.017	93	71642	44.143	ng	97
29) 2,4-Dichlorophenol	10.263	162	56474	50.599	ng	98
30) 1,2,4-Trichlorobenzene	10.475	180	61843	45.885	ng	98
31) Naphthalene	10.657	128	174918	44.974	ng	99
32) Benzoic acid	9.958	122	30183m	45.661	ng	
33) 4-Chloroaniline	10.780	127	43354	26.431	ng	96
34) Hexachlorobutadiene	10.939	225	41398	45.511	ng	99
35) Caprolactam	11.550	113	21016	52.548	ng	92
36) 4-Chloro-3-methylphenol	11.908	107	68815	49.579	ng	98
37) 2-Methylnaphthalene	12.273	142	121572	43.521	ng	99
38) 1-Methylnaphthalene	12.496	142	117937	44.477	ng	98
40) 1,2,4,5-Tetrachloroben...	12.643	216	73466	44.482	ng	98
41) Hexachlorocyclopentadiene	12.619	237	57499	87.563	ng	98
43) 2,4,6-Trichlorophenol	12.890	196	51449	48.957	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.972	196	55792	44.334	ng		97
46) 1,1'-Biphenyl	13.289	154	162178	43.944	ng		99
47) 2-Chloronaphthalene	13.330	162	130639	45.423	ng		98
48) 2-Nitroaniline	13.542	65	50821	46.527	ng		97
49) Acenaphthylene	14.176	152	221790	46.502	ng		98
50) Dimethylphthalate	13.918	163	189421	45.665	ng		100
51) 2,6-Dinitrotoluene	14.041	165	41126	47.193	ng		98
52) Acenaphthene	14.523	154	123286	44.234	ng		99
53) 3-Nitroaniline	14.376	138	27940	33.242	ng		91
54) 2,4-Dinitrophenol	14.588	184	45488	92.241	ng		95
55) Dibenzofuran	14.858	168	214969	44.713	ng		100
56) 4-Nitrophenol	14.699	139	62256	101.140	ng		99
57) 2,4-Dinitrotoluene	14.834	165	63023	51.850	ng	#	95
58) Fluorene	15.504	166	179387	46.884	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.087	232	53662	52.255	ng		97
60) Diethylphthalate	15.275	149	204127	47.729	ng		98
61) 4-Chlorophenyl-phenyle...	15.498	204	97111	45.791	ng		99
62) 4-Nitroaniline	15.540	138	43251	50.707	ng		91
63) Azobenzene	15.786	77	179345	45.669	ng		98
65) 4,6-Dinitro-2-methylph...	15.598	198	38235	48.399	ng		95
66) n-Nitrosodiphenylamine	15.716	169	164118	45.561	ng		97
67) 4-Bromophenyl-phenylether	16.391	248	67085	43.741	ng		99
68) Hexachlorobenzene	16.509	284	77330	46.849	ng		99
69) Atrazine	16.668	200	71163	55.822	ng		98
70) Pentachlorophenol	16.861	266	70181	81.083	ng		95
71) Phenanthrene	17.243	178	309173	46.079	ng		99
72) Anthracene	17.337	178	312166	46.389	ng		99
73) Carbazole	17.614	167	303379	49.231	ng		99
74) Di-n-butylphthalate	18.160	149	373106	47.996	ng		99
75) Fluoranthene	19.259	202	390960	46.987	ng		99
77) Benzidine	19.447	184	123481	58.352	ng		98
78) Pyrene	19.623	202	400887	48.727	ng		98
80) Butylbenzylphthalate	20.510	149	163727	49.069	ng		96
81) Benzo(a)anthracene	21.427	228	394870	48.042	ng		98
82) 3,3'-Dichlorobenzidine	21.350	252	107553	37.902	ng		99
83) Chrysene	21.491	228	362460	45.752	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	238215	48.677	ng		99
85) Di-n-octyl phthalate	22.478	149	414364	49.228	ng		99
87) Indeno(1,2,3-cd)pyrene	28.019	276	488227	49.760	ng	#	94
88) Benzo(b)fluoranthene	23.542	252	420027	52.200	ng		97
89) Benzo(k)fluoranthene	23.607	252	394066	47.487	ng		99
90) Benzo(a)pyrene	24.376	252	364750	46.037	ng		98
91) Dibenzo(a,h)anthracene	28.066	278	402732	49.952	ng		98
92) Benzo(g,h,i)perylene	29.112	276	392247	48.660	ng		98

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

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