Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081823\
Data File : BG058781.D
Acq On : 18 Aug 2023 18:10
Operator : MA/JU
Sample : PB154929BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 21 02:13:31 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 :
PB154929BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.809	152	20038	20.000	ng		0.00
21) Naphthalene-d8	10.612	136	86964	20.000	ng		0.00
39) Acenaphthene-d10	14.454	164	63979	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	161305	20.000	ng		0.00
76) Chrysene-d12	21.452	240	144948	20.000	ng		0.00
86) Perylene-d12	24.525	264	178405	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.382	112	218181	175.222	ng		0.00
7) Phenol-d6	6.986	99	293812	168.182	ng		0.00
23) Nitrobenzene-d5	8.978	82	181432	100.304	ng		0.00
42) 2,4,6-Tribromophenol	15.952	330	152571	152.088	ng		0.00
45) 2-Fluorobiphenyl	13.079	172	413753	94.060	ng		0.00
79) Terphenyl-d14	19.824	244	819899	101.568	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	24668	42.138	ng		96
3) Pyridine	3.661	79	62582	40.454	ng		97
4) n-Nitrosodimethylamine	3.579	42	44978	53.480	ng		90
6) Aniline	7.139	93	91851	43.010	ng		97
8) 2-Chlorophenol	7.374	128	79995	63.538	ng		96
9) Benzaldehyde	6.951	77	36647m	37.397	ng		
10) Phenol	7.010	94	106734	63.359	ng		98
11) bis(2-Chloroethyl)ether	7.233	93	73838	56.174	ng		96
12) 1,3-Dichlorobenzene	7.697	146	77114	57.663	ng		97
13) 1,4-Dichlorobenzene	7.844	146	80206	59.310	ng		97
14) 1,2-Dichlorobenzene	8.162	146	76743	58.715	ng		98
15) Benzyl Alcohol	8.050	79	77704	62.210	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.338	45	156300m	55.795	ng		
17) 2-Methylphenol	8.261	107	72121	58.290	ng		95
18) Hexachloroethane	8.884	117	29187	59.237	ng		97
19) n-Nitroso-di-n-propyla...	8.614	70	63200	55.965	ng		99
20) 3+4-Methylphenols	8.590	107	98788	59.388	ng		98
22) Acetophenone	8.637	105	123638	52.521	ng	#	98
24) Nitrobenzene	9.019	77	93025	51.708	ng		99
25) Isophorone	9.536	82	182543	50.747	ng		99
26) 2-Nitrophenol	9.730	139	42793	56.874	ng		95
27) 2,4-Dimethylphenol	9.789	122	69635	54.608	ng		97
28) bis(2-Chloroethoxy)met...	10.018	93	99988	52.476	ng		100
29) 2,4-Dichlorophenol	10.265	162	77104	58.842	ng		97
30) 1,2,4-Trichlorobenzene	10.476	180	83911	53.030	ng		97
31) Naphthalene	10.659	128	236895	51.881	ng		99
32) Benzoic acid	9.959	122	40850	51.761	ng		97
33) 4-Chloroaniline	10.782	127	67832	35.224	ng		97
34) Hexachlorobutadiene	10.941	225	56169	52.596	ng		96
35) Caprolactam	11.563	113	27923m	59.469	ng		
36) 4-Chloro-3-methylphenol	11.910	107	92693	56.883	ng		98
37) 2-Methylnaphthalene	12.274	142	161586	49.271	ng		100
38) 1-Methylnaphthalene	12.492	142	157079	50.457	ng		100
40) 1,2,4,5-Tetrachloroben...	12.644	216	98166	49.770	ng		99
41) Hexachlorocyclopentadiene	12.621	237	89975	112.003	ng		99
43) 2,4,6-Trichlorophenol	12.891	196	69454	55.340	ng		96

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44) 2,4,5-Trichlorophenol	12.968	196	75932	50.524	ng		95
46) 1,1'-Biphenyl	13.291	154	219223	49.740	ng		99
47) 2-Chloronaphthalene	13.332	162	176178	51.294	ng		99
48) 2-Nitroaniline	13.543	65	69650	53.393	ng		98
49) Acenaphthylene	14.184	152	295336	51.851	ng		97
50) Dimethylphthalate	13.919	163	250888	50.646	ng		100
51) 2,6-Dinitrotoluene	14.043	165	55599	53.424	ng		98
52) Acenaphthene	14.525	154	164972	49.563	ng		99
53) 3-Nitroaniline	14.372	138	39354	39.207	ng	#	96
54) 2,4-Dinitrophenol	14.589	184	62628	105.289	ng		97
55) Dibenzofuran	14.860	168	286881	49.965	ng		97
56) 4-Nitrophenol	14.695	139	77048	104.650	ng		97
57) 2,4-Dinitrotoluene	14.836	165	80055	55.151	ng	#	96
58) Fluorene	15.506	166	232045	50.782	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.089	232	70380	57.387	ng		96
60) Diethylphthalate	15.277	149	261453	51.190	ng		99
61) 4-Chlorophenyl-phenyle...	15.500	204	128832	50.867	ng		97
62) 4-Nitroaniline	15.541	138	56987	55.944	ng		97
63) Azobenzene	15.794	77	239495	51.067	ng		98
65) 4,6-Dinitro-2-methylph...	15.600	198	46877	51.413	ng		94
66) n-Nitrosodiphenylamine	15.717	169	211139	50.786	ng		98
67) 4-Bromophenyl-phenylether	16.393	248	88532	50.016	ng		95
68) Hexachlorobenzene	16.511	284	100575	52.793	ng		98
69) Atrazine	16.669	200	91035	61.873	ng		99
70) Pentachlorophenol	16.863	266	94808	94.907	ng		96
71) Phenanthrene	17.245	178	399169	51.547	ng		99
72) Anthracene	17.339	178	404361	52.064	ng		99
73) Carbazole	17.615	167	379164	53.312	ng		99
74) Di-n-butylphthalate	18.162	149	473543	52.780	ng		99
75) Fluoranthene	19.266	202	501155	52.187	ng		99
77) Benzidine	19.448	184	224436	86.397	ng		100
78) Pyrene	19.625	202	511392	50.635	ng		99
80) Butylbenzylphthalate	20.512	149	212914	51.981	ng		99
81) Benzo(a)anthracene	21.434	228	522546	51.790	ng		98
82) 3,3'-Dichlorobenzidine	21.352	252	147854	42.445	ng		100
83) Chrysene	21.493	228	483458	49.711	ng		99
84) Bis(2-ethylhexyl)phtha...	21.334	149	308553	51.361	ng		99
85) Di-n-octyl phthalate	22.480	149	538296	52.096	ng		99
87) Indeno(1,2,3-cd)pyrene	28.026	276	649338	53.796	ng	#	93
88) Benzo(b)fluoranthene	23.549	252	540972	54.650	ng		99
89) Benzo(k)fluoranthene	23.614	252	534215	52.330	ng		99
90) Benzo(a)pyrene	24.384	252	486689	49.933	ng		99
91) Dibenzo(a,h)anthracene	28.079	278	541213	54.567	ng		99
92) Benzo(g,h,i)perylene	29.125	276	526033	53.046	ng		97

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

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