Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
Data File : BG058744.D
Acq On : 16 Aug 2023 12:01
Operator : MA/JU
Sample : PB154463BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 16 12:44:07 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 :
PB154463BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

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08/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	30731	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	134796	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	99315	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	250766	20.000	ng	0.00
76) Chrysene-d12	21.449	240	213823	20.000	ng	0.00
86) Perylene-d12	24.522	264	269357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	262265	130.442	ng	0.00
7) Phenol-d6	6.984	99	359149	128.373	ng	0.00
23) Nitrobenzene-d5	8.976	82	219446	79.975	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	189375	116.335	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	514959	77.704	ng	0.00
79) Terphenyl-d14	19.828	244	982615	86.419	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.265	88	31141	31.963	ng	# 88
3) Pyridine	3.658	79	77357	29.123	ng	# 80
4) n-Nitrosodimethylamine	3.582	42	51917	46.130	ng	85
6) Aniline	7.137	93	98598	28.625	ng	97
8) 2-Chlorophenol	7.378	128	98953	50.168	ng	99
9) Benzaldehyde	6.949	77	36919	24.289	ng	96
10) Phenol	7.013	94	133200	48.739	ng	94
11) bis(2-Chloroethyl)ether	7.231	93	88309	40.988	ng	93
12) 1,3-Dichlorobenzene	7.695	146	93308	44.302	ng	98
13) 1,4-Dichlorobenzene	7.848	146	95149	44.992	ng	98
14) 1,2-Dichlorobenzene	8.159	146	93087	46.039	ng	97
15) Benzyl Alcohol	8.053	79	95799	53.995	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.341	45	190402m	54.403	ng	
17) 2-Methylphenol	8.259	107	90427	45.253	ng	95
18) Hexachloroethane	8.888	117	34391	44.741	ng	99
19) n-Nitroso-di-n-propyla...	8.617	70	77913	43.115	ng	92
20) 3+4-Methylphenols	8.588	107	123252	45.599	ng	98
22) Acetophenone	8.635	105	154770	42.881	ng	97
24) Nitrobenzene	9.017	77	115965	41.571	ng	95
25) Isophorone	9.534	82	226708	39.988	ng	99
26) 2-Nitrophenol	9.728	139	53724	44.243	ng	96
27) 2,4-Dimethylphenol	9.786	122	89972	44.669	ng	96
28) bis(2-Chloroethoxy)met...	10.022	93	126602	41.033	ng	100
29) 2,4-Dichlorophenol	10.268	162	98749	47.219	ng	93
30) 1,2,4-Trichlorobenzene	10.474	180	105434	43.716	ng	99
31) Naphthalene	10.662	128	290896	40.945	ng	100
32) Benzoic acid	9.963	122	58862	39.204	ng	99
33) 4-Chloroaniline	10.779	127	62554	20.840	ng	97
34) Hexachlorobutadiene	10.938	225	67841	43.679	ng	93
35) Caprolactam	11.555	113	34880m	45.166	ng	
36) 4-Chloro-3-methylphenol	11.913	107	121540	46.981	ng	99
37) 2-Methylnaphthalene	12.278	142	204181	40.177	ng	97
38) 1-Methylnaphthalene	12.495	142	199321	41.260	ng	100
40) 1,2,4,5-Tetrachloroben...	12.648	216	124567	40.854	ng	99
41) Hexachlorocyclopentadiene	12.618	237	106495	75.607	ng	97
43) 2,4,6-Trichlorophenol	12.895	196	88609	42.251	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	99178	40.150	ng		98
46) 1,1'-Biphenyl	13.288	154	278717	40.865	ng		98
47) 2-Chloronaphthalene	13.335	162	225884	42.476	ng		99
48) 2-Nitroaniline	13.547	65	90915	44.790	ng		100
49) Acenaphthylene	14.181	152	376119	42.244	ng		99
50) Dimethylphthalate	13.917	163	314568	42.174	ng		100
51) 2,6-Dinitrotoluene	14.040	165	71803	43.873	ng		97
52) Acenaphthene	14.522	154	213750	41.548	ng		99
53) 3-Nitroaniline	14.375	138	42481	25.944	ng		98
54) 2,4-Dinitrophenol	14.593	184	78729	84.836	ng		93
55) Dibenzofuran	14.857	168	368153	41.646	ng		98
56) 4-Nitrophenol	14.698	139	102487	84.283	ng		92
57) 2,4-Dinitrotoluene	14.834	165	101840	44.885	ng		97
58) Fluorene	15.509	166	298484	42.503	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	89710	42.560	ng		98
60) Diethylphthalate	15.280	149	334251	43.988	ng		99
61) 4-Chlorophenyl-phenyle...	15.497	204	164347	41.977	ng		95
62) 4-Nitroaniline	15.539	138	71936m	46.377	ng		
63) Azobenzene	15.791	77	306453	40.945	ng		97
65) 4,6-Dinitro-2-methylph...	15.603	198	62158	44.954	ng		99
66) n-Nitrosodiphenylamine	15.715	169	270726	41.480	ng		98
67) 4-Bromophenyl-phenylether	16.391	248	114497	40.256	ng		94
68) Hexachlorobenzene	16.514	284	128496	42.635	ng		99
69) Atrazine	16.667	200	114288	51.872	ng		97
70) Pentachlorophenol	16.861	266	123388	67.638	ng		98
71) Phenanthrene	17.248	178	504941	42.459	ng		99
72) Anthracene	17.336	178	507530	41.592	ng		98
73) Carbazole	17.613	167	476691	44.300	ng		99
74) Di-n-butylphthalate	18.165	149	596349	44.246	ng		99
75) Fluoranthene	19.264	202	622699	43.590	ng		98
77) Benzidine	19.452	184	219270	67.625	ng		98
78) Pyrene	19.628	202	633490	43.533	ng		98
80) Butylbenzylphthalate	20.509	149	264523	44.255	ng		99
81) Benzo(a)anthracene	21.432	228	643142	43.706	ng		98
82) 3,3'-Dichlorobenzidine	21.349	252	173253	34.823	ng		99
83) Chrysene	21.496	228	595274	42.192	ng		98
84) Bis(2-ethylhexyl)phtha...	21.332	149	389393	44.579	ng		100
85) Di-n-octyl phthalate	22.483	149	685642	44.647	ng		97
87) Indeno(1,2,3-cd)pyrene	28.024	276	799816	44.634	ng	#	81
88) Benzo(b)fluoranthene	23.547	252	689998	47.230	ng		99
89) Benzo(k)fluoranthene	23.611	252	635603	43.308	ng		99
90) Benzo(a)pyrene	24.375	252	606288	42.258	ng		99
91) Dibenzo(a,h)anthracene	28.077	278	663309	44.767	ng		99
92) Benzo(g,h,i)perylene	29.117	276	641352	43.166	ng		98

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

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