Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058818.D
Acq On : 23 Aug 2023 12:01
Operator : MA/JU
Sample : PB154956BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 23 12:33:08 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 :
PB154956BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
08/24/2023
Supervised By :mohammad ahmed
08/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.809	152	18329	20.000	ng		0.00
21) Naphthalene-d8	10.612	136	84574	20.000	ng		0.00
39) Acenaphthene-d10	14.454	164	64572	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	160004	20.000	ng		0.00
76) Chrysene-d12	21.446	240	129045	20.000	ng		0.00
86) Perylene-d12	24.519	264	159875	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.383	112	176511	154.974	ng		0.00
7) Phenol-d6	6.987	99	245218	153.454	ng		0.00
23) Nitrobenzene-d5	8.972	82	150606	85.615	ng		0.00
42) 2,4,6-Tribromophenol	15.953	330	140460	138.729	ng		0.00
45) 2-Fluorobiphenyl	13.079	172	375191	84.510	ng		0.00
79) Terphenyl-d14	19.824	244	710690	98.889	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.262	88	18174	33.939	ng		96
3) Pyridine	3.661	79	46304	32.723	ng		90
4) n-Nitrosodimethylamine	3.579	42	34099	44.325	ng		99
6) Aniline	7.133	93	60397	30.919	ng		96
8) 2-Chlorophenol	7.374	128	65307	56.709	ng		96
9) Benzaldehyde	6.945	77	27432m	30.604	ng		
10) Phenol	7.010	94	89484	58.072	ng		99
11) bis(2-Chloroethyl)ether	7.227	93	59163	49.206	ng		96
12) 1,3-Dichlorobenzene	7.697	146	59689	48.795	ng		97
13) 1,4-Dichlorobenzene	7.838	146	62847	50.807	ng		98
14) 1,2-Dichlorobenzene	8.162	146	60902	50.940	ng		99
15) Benzyl Alcohol	8.050	79	65766	57.562	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.338	45	131154m	51.184	ng		
17) 2-Methylphenol	8.262	107	60111	53.113	ng		99
18) Hexachloroethane	8.884	117	23010	51.055	ng		98
19) n-Nitroso-di-n-propyla...	8.614	70	51115	49.484	ng		99
20) 3+4-Methylphenols	8.585	107	83911	55.148	ng		96
22) Acetophenone	8.632	105	102783	44.895	ng	#	98
24) Nitrobenzene	9.014	77	78192	44.691	ng		96
25) Isophorone	9.537	82	150948	43.149	ng		99
26) 2-Nitrophenol	9.730	139	36171	49.432	ng		96
27) 2,4-Dimethylphenol	9.789	122	62118	50.090	ng		95
28) bis(2-Chloroethoxy)met...	10.018	93	84644	45.679	ng		100
29) 2,4-Dichlorophenol	10.265	162	68909	54.074	ng		95
30) 1,2,4-Trichlorobenzene	10.471	180	70457	45.786	ng		99
31) Naphthalene	10.659	128	197483	44.472	ng		99
32) Benzoic acid	9.965	122	45221m	58.127	ng		
33) 4-Chloroaniline	10.776	127	49662	26.517	ng		98
34) Hexachlorobutadiene	10.941	225	46295	44.575	ng		96
35) Caprolactam	11.564	113	23707m	51.916	ng		
36) 4-Chloro-3-methylphenol	11.910	107	88324	55.734	ng		98
37) 2-Methylnaphthalene	12.274	142	144691	45.366	ng		100
38) 1-Methylnaphthalene	12.492	142	139736m	46.155	ng		
40) 1,2,4,5-Tetrachloroben...	12.645	216	86189	43.296	ng		98
41) Hexachlorocyclopentadiene	12.621	237	69617	87.919	ng		98
43) 2,4,6-Trichlorophenol	12.891	196	64036	50.555	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	71910	47.408	ng		96
46) 1,1'-Biphenyl	13.285	154	197564	44.414	ng		96
47) 2-Chloronaphthalene	13.332	162	160399	46.271	ng		99
48) 2-Nitroaniline	13.544	65	64692	49.137	ng		99
49) Acenaphthylene	14.178	152	271540	47.235	ng		98
50) Dimethylphthalate	13.914	163	226000	45.203	ng		100
51) 2,6-Dinitrotoluene	14.043	165	51170	48.716	ng		97
52) Acenaphthene	14.519	154	153501	45.693	ng		94
53) 3-Nitroaniline	14.372	138	35262	34.807	ng	#	98
54) 2,4-Dinitrophenol	14.589	184	54274	91.380	ng		95
55) Dibenzofuran	14.860	168	265894	45.884	ng		99
56) 4-Nitrophenol	14.695	139	71361	96.403	ng		97
57) 2,4-Dinitrotoluene	14.836	165	73448	50.134	ng		98
58) Fluorene	15.506	166	214379	46.485	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.089	232	66603	53.809	ng		98
60) Diethylphthalate	15.277	149	239867	46.533	ng		99
61) 4-Chlorophenyl-phenyle...	15.494	204	118227	46.251	ng		95
62) 4-Nitroaniline	15.541	138	50329m	48.954	ng		
63) Azobenzene	15.788	77	219033	46.275	ng		100
65) 4,6-Dinitro-2-methylph...	15.600	198	43856	48.491	ng		99
66) n-Nitrosodiphenylamine	15.717	169	194646	47.199	ng		98
67) 4-Bromophenyl-phenylether	16.393	248	80707	45.966	ng		98
68) Hexachlorobenzene	16.511	284	91817	48.588	ng		98
69) Atrazine	16.663	200	80766	55.340	ng		99
70) Pentachlorophenol	16.863	266	79459	80.189	ng		98
71) Phenanthrene	17.245	178	355148	46.235	ng		99
72) Anthracene	17.339	178	358993	46.598	ng		99
73) Carbazole	17.609	167	334293	47.385	ng		98
74) Di-n-butylphthalate	18.162	149	415767	46.717	ng		100
75) Fluoranthene	19.260	202	426495	44.773	ng		99
77) Benzidine	19.448	184	113756	49.187	ng		98
78) Pyrene	19.625	202	437430	48.650	ng		98
80) Butylbenzylphthalate	20.512	149	183485	50.316	ng		99
81) Benzo(a)anthracene	21.428	228	436628	48.607	ng		98
82) 3,3'-Dichlorobenzidine	21.352	252	124955	40.292	ng		99
83) Chrysene	21.493	228	403799	46.637	ng		98
84) Bis(2-ethylhexyl)phtha...	21.329	149	265085	49.564	ng		99
85) Di-n-octyl phthalate	22.480	149	466132	50.671	ng		100
87) Indeno(1,2,3-cd)pyrene	28.027	276	536380	49.588	ng		99
88) Benzo(b)fluoranthene	23.549	252	459954	51.851	ng		99
89) Benzo(k)fluoranthene	23.614	252	436966	47.765	ng		99
90) Benzo(a)pyrene	24.378	252	402270	46.055	ng		100
91) Dibenzo(a,h)anthracene	28.079	278	438559	49.342	ng		99
92) Benzo(g,h,i)perylene	29.119	276	439269	49.431	ng		98

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

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