Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011924\
Data File : BG060365.D
Acq On : 19 Jan 2024 11:23
Operator : MA/JU
Sample : PB158491BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 20 06:30:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB158491BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.932	152	239821	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	1053778	20.000	ng		0.00
39) Acenaphthene-d10	14.571	164	848059	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	2233995	20.000	ng		0.00
76) Chrysene-d12	21.586	240	1870622	20.000	ng		0.00
86) Perylene-d12	24.747	264	1927522	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.505	112	1666294	114.281	ng		0.00
7) Phenol-d6	7.097	99	2669000	123.619	ng		0.00
23) Nitrobenzene-d5	9.095	82	1695801	75.989	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	1556876	124.776	ng		0.00
45) 2-Fluorobiphenyl	13.190	172	4076046	66.823	ng		0.00
79) Terphenyl-d14	19.935	244	5868446	76.063	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.402	88	203445	30.546	ng		96
3) Pyridine	3.795	79	517237	27.525	ng		94
4) n-Nitrosodimethylamine	3.713	42	230844	39.251	ng		98
6) Aniline	7.256	93	768864	35.627	ng		100
8) 2-Chlorophenol	7.497	128	682964	47.263	ng		96
9) Benzaldehyde	7.068	77	169224m	13.655	ng		
10) Phenol	7.127	94	992718	45.859	ng		98
11) bis(2-Chloroethyl)ether	7.350	93	703463	39.880	ng		99
12) 1,3-Dichlorobenzene	7.820	146	668397	36.851	ng		97
13) 1,4-Dichlorobenzene	7.967	146	684506	37.196	ng		98
14) 1,2-Dichlorobenzene	8.284	146	687843	36.350	ng		99
15) Benzyl Alcohol	8.167	79	668889m	47.860	ng		
16) 2,2'-oxybis(1-Chloropr...	8.455	45	870722m	40.670	ng		
17) 2-Methylphenol	8.372	107	670049	45.065	ng		98
18) Hexachloroethane	9.013	117	237771	36.851	ng		93
19) n-Nitroso-di-n-propyla...	8.731	70	628753	42.077	ng		98
20) 3+4-Methylphenols	8.701	107	970135	48.393	ng		96
22) Acetophenone	8.754	105	1200884	41.458	ng	#	98
24) Nitrobenzene	9.136	77	878718	37.984	ng		98
25) Isophorone	9.653	82	1771525	39.528	ng		99
26) 2-Nitrophenol	9.847	139	389454	45.786	ng		95
27) 2,4-Dimethylphenol	9.906	122	697248	62.036	ng		99
28) bis(2-Chloroethoxy)met...	10.141	93	1091139	39.848	ng		100
29) 2,4-Dichlorophenol	10.382	162	831616	45.659	ng		100
30) 1,2,4-Trichlorobenzene	10.599	180	810112	35.752	ng		94
31) Naphthalene	10.787	128	2060555	37.303	ng		99
32) Benzoic acid	10.059	122	476769	48.027	ng	#	87
33) 4-Chloroaniline	10.893	127	538077	25.281	ng		100
34) Hexachlorobutadiene	11.069	225	500362	33.898	ng		95
35) Caprolactam	11.669	113	306927m	52.320	ng		
36) 4-Chloro-3-methylphenol	12.021	107	877172	47.407	ng		95
37) 2-Methylnaphthalene	12.391	142	1619489	39.531	ng		98
38) 1-Methylnaphthalene	12.615	142	1533025	37.265	ng		99
40) 1,2,4,5-Tetrachloroben...	12.761	216	1054395	35.008	ng		99
41) Hexachlorocyclopentadiene	12.738	237	973902	97.393	ng		99
43) 2,4,6-Trichlorophenol	13.002	196	793784	41.413	ng		99

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44) 2,4,5-Trichlorophenol	13.079	196	882149	41.726	ng		97
46) 1,1'-Biphenyl	13.402	154	2365368	36.950	ng		99
47) 2-Chloronaphthalene	13.449	162	1956129	35.669	ng		99
48) 2-Nitroaniline	13.649	65	645898	47.293	ng		99
49) Acenaphthylene	14.295	152	3014740	39.920	ng		99
50) Dimethylphthalate	14.025	163	2653404	40.943	ng		99
51) 2,6-Dinitrotoluene	14.142	165	612239	44.273	ng		94
52) Acenaphthene	14.636	154	1861131	39.578	ng		100
53) 3-Nitroaniline	14.477	138	443915	35.230	ng		97
54) 2,4-Dinitrophenol	14.683	184	754642	88.931	ng		98
55) Dibenzofuran	14.971	168	3104513	39.548	ng		98
56) 4-Nitrophenol	14.794	139	966549	103.415	ng		99
57) 2,4-Dinitrotoluene	14.935	165	863020	45.511	ng		94
58) Fluorene	15.617	166	2604365	40.063	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.194	232	850785	47.391	ng		98
60) Diethylphthalate	15.388	149	2669353	42.904	ng		100
61) 4-Chlorophenyl-phenyle...	15.611	204	1432672	40.007	ng		98
62) 4-Nitroaniline	15.646	138	612084	45.641	ng		99
63) Azobenzene	15.905	77	2594685	41.232	ng		98
65) 4,6-Dinitro-2-methylph...	15.699	198	575669	46.579	ng		95
66) n-Nitrosodiphenylamine	15.828	169	2421839	40.828	ng		98
67) 4-Bromophenyl-phenylether	16.504	248	963794	39.263	ng		96
68) Hexachlorobenzene	16.622	284	1051892	36.201	ng		97
69) Atrazine	16.774	200	1347775	60.257	ng		99
70) Pentachlorophenol	16.968	266	1477551	94.339	ng		94
71) Phenanthrene	17.362	178	4222047	39.100	ng		98
72) Anthracene	17.450	178	4253109	39.451	ng		97
73) Carbazole	17.720	167	3946394	38.829	ng		98
74) Di-n-butylphthalate	18.278	149	4025583	38.494	ng		97
75) Fluoranthene	19.371	202	4639096	35.769	ng		98
77) Benzidine	19.553	184	845158	20.796	ng		98
78) Pyrene	19.736	202	4742844	39.703	ng		98
80) Butylbenzylphthalate	20.623	149	1962241	47.745	ng		99
81) Benzo(a)anthracene	21.563	228	4692316	40.519	ng		97
82) 3,3'-Dichlorobenzidine	21.481	252	1641528	37.013	ng		99
83) Chrysene	21.627	228	4434100	38.931	ng		99
84) Bis(2-ethylhexyl)phtha...	21.463	149	2793132	44.975	ng		98
85) Di-n-octyl phthalate	22.656	149	4636540	46.071	ng		98
87) Indeno(1,2,3-cd)pyrene	28.372	276	5946747	44.371	ng	#	93
88) Benzo(b)fluoranthene	23.743	252	5080847	44.620	ng		100
89) Benzo(k)fluoranthene	23.813	252	4978927	44.309	ng		100
90) Benzo(a)pyrene	24.600	252	4518682	43.928	ng		98
91) Dibenzo(a,h)anthracene	28.431	278	4979122	45.491	ng		98
92) Benzo(g,h,i)perylene	29.501	276	4934153	43.985	ng		99

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

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