Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058512.D
Acq On : 28 Jul 2023 10:43
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 28 16:58:18 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 16:53:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.814	152	51180	20.000	ng		0.00
21) Naphthalene-d8	10.616	136	211861	20.000	ng		0.00
39) Acenaphthene-d10	14.465	164	150019	20.000	ng		0.00
64) Phenanthrene-d10	17.208	188	375234	20.000	ng		0.00
76) Chrysene-d12	21.451	240	335801	20.000	ng		0.00
86) Perylene-d12	24.517	264	423954	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	71102	21.234	ng		0.00
7) Phenol-d6	6.979	99	95711	20.542	ng		0.00
23) Nitrobenzene-d5	8.977	82	86050	19.953	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	51622	20.994	ng		0.00
45) 2-Fluorobiphenyl	13.078	172	214347	21.412	ng		0.00
79) Terphenyl-d14	19.823	244	392610	21.987	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.272	88	18084	11.145	ng		94
3) Pyridine	3.671	79	45207	10.219	ng		94
4) n-Nitrosodimethylamine	3.589	42	19494	10.400	ng		95
6) Aniline	7.138	93	58046	10.119	ng		98
8) 2-Chlorophenol	7.379	128	34012	10.354	ng		99
9) Benzaldehyde	6.956	77	29808	11.775	ng		98
10) Phenol	7.009	94	47513	10.439	ng		94
11) bis(2-Chloroethyl)ether	7.238	93	37225	10.374	ng		98
12) 1,3-Dichlorobenzene	7.702	146	37251	10.620	ng		96
13) 1,4-Dichlorobenzene	7.849	146	37001	10.506	ng		97
14) 1,2-Dichlorobenzene	8.166	146	36319	10.786	ng		98
15) Benzyl Alcohol	8.054	79	28103	9.511	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.342	45	61269m	10.512	ng		
17) 2-Methylphenol	8.260	107	35282	10.602	ng		99
18) Hexachloroethane	8.889	117	13374	10.447	ng		92
19) n-Nitroso-di-n-propyla...	8.613	70	31070	10.324	ng		97
20) 3+4-Methylphenols	8.589	107	44641	9.917	ng		98
22) Acetophenone	8.636	105	57091	10.064	ng	#	98
24) Nitrobenzene	9.018	77	45243	10.319	ng		94
25) Isophorone	9.535	82	91963	10.320	ng		99
26) 2-Nitrophenol	9.729	139	18206	9.539	ng		94
27) 2,4-Dimethylphenol	9.788	122	31252	9.872	ng		98
28) bis(2-Chloroethoxy)met...	10.023	93	49446	10.197	ng		97
29) 2,4-Dichlorophenol	10.270	162	32349	9.842	ng		98
30) 1,2,4-Trichlorobenzene	10.475	180	38488	10.153	ng		92
31) Naphthalene	10.669	128	117345	10.509	ng		99
32) Benzoic acid	9.888	122	13793m	9.093	ng		
33) 4-Chloroaniline	10.781	127	45877	9.724	ng		96
34) Hexachlorobutadiene	10.945	225	24210	9.917	ng		98
35) Caprolactam	11.533	113	12803	10.548	ng		93
36) 4-Chloro-3-methylphenol	11.909	107	41067	10.100	ng		95
37) 2-Methylnaphthalene	12.279	142	82278	10.301	ng		100
38) 1-Methylnaphthalene	12.502	142	81055	10.675	ng		99
40) 1,2,4,5-Tetrachloroben...	12.649	216	46739	10.148	ng		99
41) Hexachlorocyclopentadiene	12.626	237	10104	11.134	ng		99
43) 2,4,6-Trichlorophenol	12.896	196	31029	9.795	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.972	196	39113	10.482	ng		95
46) 1,1'-Biphenyl	13.295	154	106922	10.378	ng		97
47) 2-Chloronaphthalene	13.336	162	82685	10.293	ng		99
48) 2-Nitroaniline	13.542	65	28870	9.416	ng		99
49) Acenaphthylene	14.183	152	140733	10.464	ng		98
50) Dimethylphthalate	13.912	163	118739	10.539	ng		100
51) 2,6-Dinitrotoluene	14.036	165	25360	10.258	ng		98
52) Acenaphthene	14.523	154	80755	10.392	ng		95
53) 3-Nitroaniline	14.371	138	23651	9.562	ng		99
54) 2,4-Dinitrophenol	14.594	184	5669	11.172	ng		90
55) Dibenzofuran	14.858	168	144844	10.847	ng		98
56) 4-Nitrophenol	14.694	139	12064m	9.999	ng		
57) 2,4-Dinitrotoluene	14.829	165	34925	10.190	ng		99
58) Fluorene	15.510	166	116110	10.946	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.087	232	32818	10.307	ng		99
60) Diethylphthalate	15.275	149	125829	10.963	ng		98
61) 4-Chlorophenyl-phenyle...	15.499	204	62559	10.578	ng		96
62) 4-Nitroaniline	15.534	138	23288	10.019	ng		98
63) Azobenzene	15.792	77	121170	10.718	ng		98
65) 4,6-Dinitro-2-methylph...	15.599	198	15627	7.553	ng		95
66) n-Nitrosodiphenylamine	15.716	169	100318	10.272	ng		99
67) 4-Bromophenyl-phenylether	16.398	248	43083	10.123	ng		97
68) Hexachlorobenzene	16.509	284	45910	10.180	ng		98
69) Atrazine	16.662	200	36870	11.183	ng		99
70) Pentachlorophenol	16.868	266	20593m	7.578	ng		
71) Phenanthrene	17.250	178	191169	10.743	ng		98
72) Anthracene	17.338	178	195447	10.704	ng		98
73) Carbazole	17.614	167	171312	10.639	ng		99
74) Di-n-butylphthalate	18.166	149	218357	10.827	ng		99
75) Fluoranthene	19.265	202	233497	10.923	ng		97
77) Benzidine	19.459	184	50812	9.979	ng	#	94
78) Pyrene	19.629	202	244024	10.678	ng		97
80) Butylbenzylphthalate	20.510	149	95359	10.158	ng		100
81) Benzo(a)anthracene	21.427	228	242270	10.484	ng		97
82) 3,3'-Dichlorobenzidine	21.351	252	80310	10.278	ng		97
83) Chrysene	21.492	228	234534	10.585	ng		99
84) Bis(2-ethylhexyl)phtha...	21.333	149	142495	10.388	ng		99
85) Di-n-octyl phthalate	22.485	149	246121	10.205	ng		100
87) Indeno(1,2,3-cd)pyrene	28.008	276	285853	10.135	ng		99
88) Benzo(b)fluoranthene	23.542	252	236706	10.294	ng		98
89) Benzo(k)fluoranthene	23.601	252	241412	10.451	ng		98
90) Benzo(a)pyrene	24.371	252	230222	10.195	ng		98
91) Dibenzo(a,h)anthracene	28.060	278	238999	10.248	ng		98
92) Benzo(g,h,i)perylene	29.089	276	237798	10.169	ng		99

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

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