Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041724\
Data File : BG060917.D
Acq On : 17 Apr 2024 12:29
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 18 01:49:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 01:47:49 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.940	152	44166	20.000	ng		0.00
21) Naphthalene-d8	10.737	136	166958	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	138053	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	357381	20.000	ng		0.00
76) Chrysene-d12	21.571	240	366297	20.000	ng		0.00
86) Perylene-d12	24.697	264	421508	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.525	112	26645	10.479	ng		0.00
7) Phenol-d6	7.106	99	35583	9.714	ng		0.00
23) Nitrobenzene-d5	9.092	82	35580	9.675	ng		0.00
42) 2,4,6-Tribromophenol	16.054	330	22824	10.008	ng		0.00
45) 2-Fluorobiphenyl	13.193	172	96850	10.295	ng		0.00
79) Terphenyl-d14	19.938	244	224933	10.717	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.451	88	5419	5.272	ng		96
3) Pyridine	3.845	79	16891m	5.171	ng		
4) n-Nitrosodimethylamine	3.757	42	10849	5.199	ng	#	85
6) Aniline	7.265	93	21569	4.833	ng		95
8) 2-Chlorophenol	7.506	128	14306	4.946	ng		94
9) Benzaldehyde	7.082	77	10919m	5.557	ng		
10) Phenol	7.129	94	17762	4.838	ng		93
11) bis(2-Chloroethyl)ether	7.364	93	14311	5.026	ng		96
12) 1,3-Dichlorobenzene	7.835	146	15523	5.051	ng		95
13) 1,4-Dichlorobenzene	7.981	146	16167	5.138	ng		96
14) 1,2-Dichlorobenzene	8.293	146	15468	5.055	ng		93
15) Benzyl Alcohol	8.169	79	14685	4.660	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.469	45	34312m	4.986	ng		
17) 2-Methylphenol	8.381	107	13631	4.699	ng		97
18) Hexachloroethane	9.027	117	5720	5.120	ng		96
19) n-Nitroso-di-n-propyla...	8.745	70	12949	4.641	ng	#	82
20) 3+4-Methylphenols	8.704	107	18061	4.488	ng		96
22) Acetophenone	8.757	105	23965	5.040	ng	#	98
24) Nitrobenzene	9.133	77	17195	4.764	ng		92
25) Isophorone	9.662	82	32702	4.818	ng		97
26) 2-Nitrophenol	9.850	139	6679	4.405	ng		93
27) 2,4-Dimethylphenol	9.909	122	13964	5.227	ng		97
28) bis(2-Chloroethoxy)met...	10.144	93	19669	5.154	ng		96
29) 2,4-Dichlorophenol	10.384	162	14207	4.901	ng		90
30) 1,2,4-Trichlorobenzene	10.596	180	15395	4.955	ng		92
31) Naphthalene	10.784	128	45423	5.031	ng	#	94
32) Benzoic acid	9.973	122	8759m	4.045	ng		
33) 4-Chloroaniline	10.890	127	20019	4.731	ng		98
34) Hexachlorobutadiene	11.084	225	11686	5.291	ng		97
35) Caprolactam	11.630	113	5317	4.972	ng	#	73
36) 4-Chloro-3-methylphenol	12.012	107	17251	4.924	ng		95
37) 2-Methylnaphthalene	12.400	142	33672	4.929	ng		96
38) 1-Methylnaphthalene	12.611	142	31637m	4.906	ng		
40) 1,2,4,5-Tetrachloroben...	12.758	216	20671	4.852	ng		98
41) Hexachlorocyclopentadiene	12.746	237	8962	4.114	ng		87
43) 2,4,6-Trichlorophenol	12.999	196	14992	5.061	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.070	196	17445	4.883	ng	#	97
46) 1,1'-Biphenyl	13.404	154	46293	4.932	ng		97
47) 2-Chloronaphthalene	13.446	162	34417	4.791	ng		95
48) 2-Nitroaniline	13.640	65	13188	4.473	ng		93
49) Acenaphthylene	14.292	152	59422	4.891	ng		99
50) Dimethylphthalate	14.021	163	54819	5.004	ng		98
51) 2,6-Dinitrotoluene	14.139	165	10146	4.544	ng		91
52) Acenaphthene	14.632	154	36646m	4.974	ng		
53) 3-Nitroaniline	14.462	138	11630	4.745	ng		95
55) Dibenzofuran	14.967	168	62238	5.001	ng		97
56) 4-Nitrophenol	14.773	139	8455	4.505	ng		93
57) 2,4-Dinitrotoluene	14.926	165	13564	4.251	ng		94
58) Fluorene	15.620	166	51766	5.014	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.197	232	15622	4.760	ng	#	95
60) Diethylphthalate	15.390	149	54553	4.972	ng		99
61) 4-Chlorophenyl-phenyle...	15.614	204	29836	5.214	ng		97
62) 4-Nitroaniline	15.620	138	12855	4.878	ng	#	82
63) Azobenzene	15.907	77	50519	4.885	ng		97
66) n-Nitrosodiphenylamine	15.825	169	49227	5.018	ng		98
67) 4-Bromophenyl-phenylether	16.513	248	20101	5.021	ng		97
68) Hexachlorobenzene	16.624	284	21598	4.958	ng		95
69) Atrazine	16.777	200	18961	5.378	ng		95
70) Pentachlorophenol	16.965	266	11636	3.944	ng	#	86
71) Phenanthrene	17.359	178	92471	5.112	ng		99
72) Anthracene	17.447	178	93568	5.036	ng		98
73) Carbazole	17.717	167	83672	5.168	ng		97
74) Di-n-butylphthalate	18.293	149	99559	5.108	ng	#	97
75) Fluoranthene	19.368	202	123425	5.360	ng		100
77) Benzidine	19.550	184	45489	5.630	ng		97
78) Pyrene	19.732	202	126487	5.034	ng		98
80) Butylbenzylphthalate	20.631	149	45134	4.890	ng		97
81) Benzo(a)anthracene	21.554	228	131697	5.092	ng		99
82) 3,3'-Dichlorobenzidine	21.477	252	47497	5.156	ng		95
83) Chrysene	21.618	228	121312	4.912	ng		100
84) Bis(2-ethylhexyl)phtha...	21.489	149	67409	4.939	ng	#	99
85) Di-n-octyl phthalate	22.676	149	116644	4.953	ng	#	98
87) Indeno(1,2,3-cd)pyrene	28.234	276	136909	4.697	ng	#	95
88) Benzo(b)fluoranthene	23.704	252	116077m	4.867	ng		
89) Benzo(k)fluoranthene	23.775	252	120455	4.937	ng		100
90) Benzo(a)pyrene	24.544	252	118539	5.041	ng		96
91) Dibenzo(a,h)anthracene	28.293	278	106964	4.458	ng		96
92) Benzo(g,h,i)perylene	29.327	276	113398	4.834	ng	#	95

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

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