Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010824\
Data File : BG060285.D
Acq On : 8 Jan 2024 17:13
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 09 03:57:16 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 03:51:34 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2024
Supervised By :mohammad ahmed 01/10/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.932	152	204715	20.000	ng		0.00
21) Naphthalene-d8	10.735	136	818429	20.000	ng		0.00
39) Acenaphthene-d10	14.566	164	682307	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	1693395	20.000	ng		0.00
76) Chrysene-d12	21.575	240	1694260	20.000	ng		0.00
86) Perylene-d12	24.736	264	1922410	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.500	112	275591	22.142	ng		0.00
7) Phenol-d6	7.092	99	373656	20.274	ng		0.00
23) Nitrobenzene-d5	9.090	82	338750	19.544	ng		0.00
42) 2,4,6-Tribromophenol	16.052	330	187783	18.706	ng		0.00
45) 2-Fluorobiphenyl	13.191	172	1063132	21.663	ng		0.00
79) Terphenyl-d14	19.930	244	1970587	20.427	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.414	88	48676	8.562	ng		97
3) Pyridine	3.808	79	131336m	8.193	ng		
4) n-Nitrosodimethylamine	3.726	42	42917	8.516	ng	#	98
6) Aniline	7.257	93	180547	9.801	ng		98
8) 2-Chlorophenol	7.498	128	127363	10.325	ng		94
9) Benzaldehyde	7.069	77	122332m	11.582	ng		
10) Phenol	7.122	94	185935	10.062	ng		93
11) bis(2-Chloroethyl)ether	7.351	93	148097	9.836	ng		93
12) 1,3-Dichlorobenzene	7.821	146	159524	10.303	ng		100
13) 1,4-Dichlorobenzene	7.968	146	151340	9.634	ng		96
14) 1,2-Dichlorobenzene	8.285	146	159742	9.889	ng		96
15) Benzyl Alcohol	8.173	79	115426	9.675	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.450	45	179886m	9.843	ng		
17) 2-Methylphenol	8.373	107	118207	9.314	ng		98
18) Hexachloroethane	9.008	117	52907	9.606	ng		94
19) n-Nitroso-di-n-propyla...	8.732	70	124329	9.747	ng		97
20) 3+4-Methylphenols	8.696	107	166474	9.728	ng		97
22) Acetophenone	8.749	105	230697	10.254	ng	#	99
24) Nitrobenzene	9.131	77	172237	9.586	ng		96
25) Isophorone	9.648	82	356052	10.229	ng	#	97
26) 2-Nitrophenol	9.848	139	58778	8.897	ng	#	87
27) 2,4-Dimethylphenol	9.901	122	84366	9.665	ng		96
28) bis(2-Chloroethoxy)met...	10.136	93	213629	10.045	ng		96
29) 2,4-Dichlorophenol	10.377	162	135175	9.556	ng		96
30) 1,2,4-Trichlorobenzene	10.594	180	175713	9.984	ng		90
31) Naphthalene	10.782	128	446174	10.400	ng		98
32) Benzoic acid	10.007	122	22946m	12.481	ng		
33) 4-Chloroaniline	10.894	127	172942	10.462	ng		98
34) Hexachlorobutadiene	11.064	225	124776	10.884	ng		93
35) Caprolactam	11.640	113	48189m	10.577	ng		
36) 4-Chloro-3-methylphenol	12.016	107	146723	10.210	ng		96
37) 2-Methylnaphthalene	12.392	142	347468	10.920	ng		99
38) 1-Methylnaphthalene	12.609	142	360315	11.277	ng		92
40) 1,2,4,5-Tetrachloroben...	12.756	216	229383	9.466	ng		100
41) Hexachlorocyclopentadiene	12.739	237	65303	8.117	ng		98
43) 2,4,6-Trichlorophenol	12.997	196	136307	8.839	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.068	196	144846	8.516	ng		94
46) 1,1'-Biphenyl	13.397	154	508580	9.875	ng		96
47) 2-Chloronaphthalene	13.444	162	427498	9.689	ng		99
48) 2-Nitroaniline	13.643	65	91168	8.297	ng		94
49) Acenaphthylene	14.290	152	615302	10.127	ng		98
50) Dimethylphthalate	14.019	163	528799	10.142	ng		98
51) 2,6-Dinitrotoluene	14.137	165	99954	8.984	ng		89
52) Acenaphthene	14.631	154	374776	9.906	ng		96
53) 3-Nitroaniline	14.472	138	89975	8.875	ng	#	100
54) 2,4-Dinitrophenol	14.678	184	24939	11.887	ng		93
55) Dibenzofuran	14.965	168	661887	10.480	ng		97
56) 4-Nitrophenol	14.777	139	61938	8.237	ng		95
57) 2,4-Dinitrotoluene	14.924	165	135959	8.911	ng		95
58) Fluorene	15.612	166	528072	10.097	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.189	232	133000	9.208	ng		96
60) Diethylphthalate	15.383	149	514047	10.269	ng		97
61) 4-Chlorophenyl-phenyle...	15.606	204	289262	10.040	ng		94
62) 4-Nitroaniline	15.635	138	101398m	9.408	ng		
63) Azobenzene	15.900	77	500873	9.893	ng		97
65) 4,6-Dinitro-2-methylph...	15.688	198	69201	7.387	ng		95
66) n-Nitrosodiphenylamine	15.817	169	453007	10.075	ng		98
67) 4-Bromophenyl-phenylether	16.499	248	180723	9.713	ng		99
68) Hexachlorobenzene	16.616	284	215575	9.788	ng		97
69) Atrazine	16.763	200	176332	10.400	ng		97
70) Pentachlorophenol	16.963	266	93785	7.909	ng		89
71) Phenanthrene	17.357	178	890729	10.882	ng		93
72) Anthracene	17.445	178	873780	10.692	ng		95
73) Carbazole	17.715	167	827493	10.741	ng		94
74) Di-n-butylphthalate	18.273	149	880181	11.104	ng	#	95
75) Fluoranthene	19.366	202	1124031	11.433	ng		89
77) Benzidine	19.554	184	364096	9.892	ng		98
78) Pyrene	19.730	202	1232960	11.396	ng	#	85
80) Butylbenzylphthalate	20.618	149	354185	9.515	ng		93
81) Benzo(a)anthracene	21.558	228	1166472	11.121	ng		92
82) 3,3'-Dichlorobenzidine	21.475	252	394878	9.831	ng		98
83) Chrysene	21.622	228	1133793	10.991	ng		90
84) Bis(2-ethylhexyl)phtha...	21.464	149	546518	9.716	ng		100
85) Di-n-octyl phthalate	22.651	149	900902	9.884	ng		98
87) Indeno(1,2,3-cd)pyrene	28.320	276	1298033	9.711	ng	#	55
88) Benzo(b)fluoranthene	23.732	252	1157940	10.196	ng		97
89) Benzo(k)fluoranthene	23.796	252	1129181	10.076	ng		96
90) Benzo(a)pyrene	24.584	252	1022232	9.964	ng		98
91) Dibenzo(a,h)anthracene	28.391	278	1044615	9.569	ng		100
92) Benzo(g,h,i)perylene	29.460	276	1092109	9.761	ng		96

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

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