Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061216.D
Acq On : 16 May 2024 11:34
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 16 12:07:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.931	152	24590	20.000	ng		-0.03
21) Naphthalene-d8	10.728	136	96823	20.000	ng		#-0.03
39) Acenaphthene-d10	14.564	164	79094	20.000	ng		-0.02
64) Phenanthrene-d10	17.308	188	188137	20.000	ng		-0.02
76) Chrysene-d12	21.574	240	188841	20.000	ng		#-0.02
86) Perylene-d12	24.694	264	221907	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	97728	80.827	ng		-0.02
7) Phenol-d6	7.108	99	139647	78.074	ng		-0.02
23) Nitrobenzene-d5	9.088	82	162070	82.978	ng		-0.03
42) 2,4,6-Tribromophenol	16.057	330	108463	68.606	ng		-0.02
45) 2-Fluorobiphenyl	13.184	172	430542	80.493	ng		-0.02
79) Terphenyl-d14	19.929	244	868774	76.514	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.442	88	17647	36.097	ng		96
3) Pyridine	3.830	79	51095	35.518	ng		93
4) n-Nitrosodimethylamine	3.748	42	46175	33.408	ng		97
6) Aniline	7.255	93	66349	37.418	ng	#	96
8) 2-Chlorophenol	7.502	128	57101	38.494	ng		98
9) Benzaldehyde	7.073	77	42618	45.512	ng		96
10) Phenol	7.138	94	71413	39.260	ng		92
11) bis(2-Chloroethyl)ether	7.355	93	51312	40.834	ng		95
12) 1,3-Dichlorobenzene	7.819	146	68195	38.997	ng		97
13) 1,4-Dichlorobenzene	7.966	146	69965	38.711	ng		95
14) 1,2-Dichlorobenzene	8.283	146	67263	38.574	ng		97
15) Benzyl Alcohol	8.172	79	60240	37.335	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.460	45	116627m	42.772	ng		
17) 2-Methylphenol	8.377	107	50041	38.604	ng		97
18) Hexachloroethane	9.006	117	26568	41.197	ng		98
19) n-Nitroso-di-n-propyla...	8.730	70	49203	36.758	ng		95
20) 3+4-Methylphenols	8.706	107	68283	36.512	ng		97
22) Acetophenone	8.748	105	98673	40.921	ng		97
24) Nitrobenzene	9.129	77	80098	41.920	ng		98
25) Isophorone	9.652	82	138438	38.344	ng		96
26) 2-Nitrophenol	9.840	139	37423	41.338	ng		96
27) 2,4-Dimethylphenol	9.905	122	40296	38.609	ng		98
28) bis(2-Chloroethoxy)met...	10.134	93	73097	41.252	ng		96
29) 2,4-Dichlorophenol	10.381	162	62261	38.073	ng		94
30) 1,2,4-Trichlorobenzene	10.592	180	79736	40.466	ng		98
31) Naphthalene	10.775	128	199350	39.616	ng		99
32) Benzoic acid	10.075	122	24285m	20.128	ng		
33) 4-Chloroaniline	10.886	127	75637	37.689	ng		97
34) Hexachlorobutadiene	11.063	225	71526	42.306	ng		93
35) Caprolactam	11.674	113	25226	42.835	ng		93
36) 4-Chloro-3-methylphenol	12.026	107	72317	36.673	ng		97
37) 2-Methylnaphthalene	12.384	142	140379	37.227	ng		99
38) 1-Methylnaphthalene	12.602	142	137490m	36.218	ng		
40) 1,2,4,5-Tetrachloroben...	12.755	216	111416	42.209	ng		98
41) Hexachlorocyclopentadiene	12.731	237	43339	42.890	ng		95
43) 2,4,6-Trichlorophenol	13.001	196	63398	37.411	ng		93

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44) 2,4,5-Trichlorophenol	13.084	196	69996	36.495	ng		97
46) 1,1'-Biphenyl	13.395	154	202722	39.974	ng		96
47) 2-Chloronaphthalene	13.436	162	162385	39.987	ng		98
48) 2-Nitroaniline	13.642	65	59618	39.563	ng		97
49) Acenaphthylene	14.282	152	244030	39.125	ng		100
50) Dimethylphthalate	14.018	163	226640	37.098	ng		99
51) 2,6-Dinitrotoluene	14.141	165	49569	37.934	ng		98
52) Acenaphthene	14.629	154	150578	38.700	ng		99
53) 3-Nitroaniline	14.470	138	44502	37.220	ng	#	94
54) 2,4-Dinitrophenol	14.688	184	31932	35.729	ng		94
55) Dibenzofuran	14.964	168	251072	38.203	ng		98
56) 4-Nitrophenol	14.799	139	36569	37.846	ng		89
57) 2,4-Dinitrotoluene	14.934	165	72322	37.409	ng		93
58) Fluorene	15.610	166	210289	36.978	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.193	232	67443	34.160	ng		97
60) Diethylphthalate	15.381	149	221783	36.000	ng		98
61) 4-Chlorophenyl-phenyle...	15.604	204	127918	37.461	ng		97
62) 4-Nitroaniline	15.634	138	46866	36.141	ng		92
63) Azobenzene	15.898	77	185440	38.668	ng		96
65) 4,6-Dinitro-2-methylph...	15.704	198	45488	38.969	ng		99
66) n-Nitrosodiphenylamine	15.822	169	186391	39.951	ng		98
67) 4-Bromophenyl-phenylether	16.497	248	90248	40.720	ng		96
68) Hexachlorobenzene	16.621	284	109714	39.773	ng		97
69) Atrazine	16.768	200	66703	34.668	ng		95
70) Pentachlorophenol	16.967	266	57272	33.795	ng		96
71) Phenanthrene	17.355	178	331549	38.541	ng		99
72) Anthracene	17.443	178	332294	38.712	ng		98
73) Carbazole	17.714	167	292375	38.740	ng		99
74) Di-n-butylphthalate	18.272	149	352897	39.323	ng		100
75) Fluoranthene	19.365	202	450590	38.234	ng		98
77) Benzidine	19.547	184	119330	34.069	ng		99
78) Pyrene	19.729	202	465221	38.750	ng		99
80) Butylbenzylphthalate	20.616	149	151920	39.975	ng		97
81) Benzo(a)anthracene	21.550	228	475159	38.452	ng		99
82) 3,3'-Dichlorobenzidine	21.468	252	166464	37.432	ng		96
83) Chrysene	21.615	228	446477	38.564	ng		99
84) Bis(2-ethylhexyl)phtha...	21.462	149	204722	41.253	ng		100
85) Di-n-octyl phthalate	22.643	149	349078	39.870	ng		97
87) Indeno(1,2,3-cd)pyrene	28.248	276	570118	38.767	ng	#	99
88) Benzo(b)fluoranthene	23.707	252	461096	37.184	ng		98
89) Benzo(k)fluoranthene	23.777	252	472541	39.611	ng		97
90) Benzo(a)pyrene	24.547	252	414479	38.366	ng		99
91) Dibenzo(a,h)anthracene	28.301	278	472998	38.838	ng	#	97
92) Benzo(g,h,i)perylene	29.359	276	464788	38.404	ng	#	98

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

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