Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061232.D
Acq On : 17 May 2024 10:21
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 17 10:55:11 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 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.935	152	20255	20.000	ng		-0.03
21) Naphthalene-d8	10.726	136	91883	20.000	ng		#-0.03
39) Acenaphthene-d10	14.563	164	80281	20.000	ng		-0.03
64) Phenanthrene-d10	17.313	188	201882	20.000	ng		-0.02
76) Chrysene-d12	21.572	240	200040	20.000	ng		#-0.02
86) Perylene-d12	24.692	264	236009	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.520	112	81535	81.867	ng		-0.03
7) Phenol-d6	7.113	99	126642	85.957	ng		-0.02
23) Nitrobenzene-d5	9.087	82	150178	81.023	ng		-0.03
42) 2,4,6-Tribromophenol	16.055	330	109940	68.512	ng		-0.02
45) 2-Fluorobiphenyl	13.182	172	415838	76.594	ng		-0.03
79) Terphenyl-d14	19.927	244	927293	77.096	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.435	88	14642	36.360	ng		93
3) Pyridine	3.828	79	44619	37.654	ng		92
4) n-Nitrosodimethylamine	3.740	42	41352	36.322	ng		95
6) Aniline	7.254	93	59224	40.548	ng	#	93
8) 2-Chlorophenol	7.501	128	48748	39.896	ng		96
9) Benzaldehyde	7.072	77	37516	49.788	ng		88
10) Phenol	7.136	94	63030	42.068	ng		94
11) bis(2-Chloroethyl)ether	7.354	93	44686	43.172	ng		95
12) 1,3-Dichlorobenzene	7.818	146	56197	39.014	ng		92
13) 1,4-Dichlorobenzene	7.965	146	56852	38.188	ng		93
14) 1,2-Dichlorobenzene	8.282	146	57115	39.765	ng		98
15) Benzyl Alcohol	8.170	79	54460	40.976	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.458	45	106870m	47.582	ng		
17) 2-Methylphenol	8.382	107	44400	41.583	ng		98
18) Hexachloroethane	9.011	117	21441	40.362	ng		90
19) n-Nitroso-di-n-propyla...	8.734	70	46805	42.450	ng		94
20) 3+4-Methylphenols	8.711	107	64261	41.715	ng		93
22) Acetophenone	8.752	105	90966	39.753	ng	#	97
24) Nitrobenzene	9.128	77	73977	40.798	ng		99
25) Isophorone	9.651	82	135541	39.560	ng		95
26) 2-Nitrophenol	9.839	139	34161	39.764	ng		98
27) 2,4-Dimethylphenol	9.909	122	39031	39.407	ng		97
28) bis(2-Chloroethoxy)met...	10.133	93	69481	41.320	ng		94
29) 2,4-Dichlorophenol	10.385	162	59109	38.089	ng		91
30) 1,2,4-Trichlorobenzene	10.591	180	69211	37.013	ng		96
31) Naphthalene	10.779	128	185499	38.845	ng		100
32) Benzoic acid	10.068	122	23844m	20.825	ng		
33) 4-Chloroaniline	10.885	127	75007	39.384	ng		95
34) Hexachlorobutadiene	11.061	225	60808	37.900	ng		95
35) Caprolactam	11.678	113	27313	48.872	ng		92
36) 4-Chloro-3-methylphenol	12.025	107	72919	38.967	ng		98
37) 2-Methylnaphthalene	12.383	142	134712	37.645	ng		98
38) 1-Methylnaphthalene	12.600	142	134317	37.284	ng		99
40) 1,2,4,5-Tetrachloroben...	12.753	216	102971	38.433	ng		99
41) Hexachlorocyclopentadiene	12.730	237	33800	32.955	ng		95
43) 2,4,6-Trichlorophenol	13.000	196	61895	35.984	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	69472	35.686	ng		98
46) 1,1'-Biphenyl	13.394	154	196016	38.080	ng		97
47) 2-Chloronaphthalene	13.441	162	157965	38.324	ng		96
48) 2-Nitroaniline	13.646	65	63584	41.571	ng		97
49) Acenaphthylene	14.287	152	246199	38.890	ng		100
50) Dimethylphthalate	14.022	163	232616	37.514	ng		100
51) 2,6-Dinitrotoluene	14.140	165	52373	39.487	ng		96
52) Acenaphthene	14.627	154	154327	39.077	ng		99
53) 3-Nitroaniline	14.469	138	47480	39.124	ng		93
54) 2,4-Dinitrophenol	14.692	184	33226	36.572	ng		96
55) Dibenzofuran	14.962	168	257448	38.594	ng		98
56) 4-Nitrophenol	14.810	139	40114	40.901	ng		96
57) 2,4-Dinitrotoluene	14.933	165	76300	38.883	ng	#	95
58) Fluorene	15.615	166	220839	38.259	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.197	232	65559	32.714	ng		96
60) Diethylphthalate	15.380	149	237353	37.958	ng		99
61) 4-Chlorophenyl-phenyle...	15.603	204	130669	37.701	ng		96
62) 4-Nitroaniline	15.638	138	49904	37.914	ng		96
63) Azobenzene	15.897	77	194274	39.911	ng		95
65) 4,6-Dinitro-2-methylph...	15.709	198	48400	38.640	ng		92
66) n-Nitrosodiphenylamine	15.820	169	195832	39.117	ng		97
67) 4-Bromophenyl-phenylether	16.502	248	94950	39.925	ng		95
68) Hexachlorobenzene	16.625	284	113521	38.351	ng		97
69) Atrazine	16.772	200	71231	34.501	ng		100
70) Pentachlorophenol	16.972	266	66164	36.384	ng		99
71) Phenanthrene	17.354	178	362894	39.313	ng		99
72) Anthracene	17.448	178	366452	39.785	ng		98
73) Carbazole	17.718	167	320941	39.629	ng		98
74) Di-n-butylphthalate	18.276	149	385010	39.981	ng		99
75) Fluoranthene	19.369	202	488241	38.608	ng		99
77) Benzidine	19.545	184	125359	33.810	ng		99
78) Pyrene	19.733	202	504474	39.667	ng		99
80) Butylbenzylphthalate	20.615	149	161116	40.022	ng		100
81) Benzo(a)anthracene	21.555	228	502273	38.370	ng		99
82) 3,3'-Dichlorobenzidine	21.467	252	175659	37.288	ng		97
83) Chrysene	21.619	228	476580	38.860	ng		99
84) Bis(2-ethylhexyl)phtha...	21.461	149	225583	42.912	ng		98
85) Di-n-octyl phthalate	22.642	149	386802	41.705	ng		97
87) Indeno(1,2,3-cd)pyrene	28.259	276	601662	38.468	ng	#	97
88) Benzo(b)fluoranthene	23.711	252	496968	37.683	ng		95
89) Benzo(k)fluoranthene	23.776	252	490102	38.628	ng		98
90) Benzo(a)pyrene	24.551	252	442205	38.487	ng		98
91) Dibenzo(a,h)anthracene	28.311	278	499488	38.562	ng	#	96
92) Benzo(g,h,i)perylene	29.369	276	499686	38.820	ng		96

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

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