Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058816.D
Acq On : 23 Aug 2023 10:40
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 23 17:39:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.806	152	25579	20.000	ng		0.00
21) Naphthalene-d8	10.609	136	112994	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	86115	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	199765	20.000	ng		0.00
76) Chrysene-d12	21.449	240	160807	20.000	ng		0.00
86) Perylene-d12	24.522	264	199515	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.380	112	131991	83.040	ng		0.00
7) Phenol-d6	6.984	99	198406	88.968	ng		0.00
23) Nitrobenzene-d5	8.975	82	185165	78.786	ng		0.00
42) 2,4,6-Tribromophenol	15.955	330	111655	82.691	ng		0.00
45) 2-Fluorobiphenyl	13.076	172	452561	76.436	ng		0.00
79) Terphenyl-d14	19.827	244	739513	82.575	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	27286	36.513	ng		93
3) Pyridine	3.664	79	78003	39.500	ng		93
4) n-Nitrosodimethylamine	3.582	42	42926	39.984	ng		97
6) Aniline	7.136	93	116542	42.750	ng		98
8) 2-Chlorophenol	7.371	128	70212	43.687	ng		98
9) Benzaldehyde	6.948	77	51508m	41.176	ng		
10) Phenol	7.007	94	95565	44.440	ng		99
11) bis(2-Chloroethyl)ether	7.230	93	69118	41.192	ng		99
12) 1,3-Dichlorobenzene	7.695	146	68687	40.236	ng		100
13) 1,4-Dichlorobenzene	7.841	146	69776	40.420	ng		91
14) 1,2-Dichlorobenzene	8.159	146	68229	40.893	ng		96
15) Benzyl Alcohol	8.053	79	74586	46.779	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.335	45	151721	42.428	ng		98
17) 2-Methylphenol	8.259	107	72938	46.180	ng		95
18) Hexachloroethane	8.887	117	26462	42.072	ng		99
19) n-Nitroso-di-n-propyla...	8.617	70	63151	43.808	ng		98
20) 3+4-Methylphenols	8.588	107	99415	46.818	ng		99
22) Acetophenone	8.635	105	121836	39.833	ng	#	98
24) Nitrobenzene	9.017	77	92944	39.762	ng		98
25) Isophorone	9.534	82	189994	40.651	ng		100
26) 2-Nitrophenol	9.727	139	43699	44.699	ng		95
27) 2,4-Dimethylphenol	9.786	122	72131	43.535	ng		100
28) bis(2-Chloroethoxy)met...	10.021	93	99961	40.377	ng		99
29) 2,4-Dichlorophenol	10.268	162	76487	44.925	ng		99
30) 1,2,4-Trichlorobenzene	10.474	180	81991	39.880	ng		99
31) Naphthalene	10.662	128	239184	40.315	ng		98
32) Benzoic acid	9.968	122	53264	51.923	ng		93
33) 4-Chloroaniline	10.773	127	114012	45.566	ng		97
34) Hexachlorobutadiene	10.938	225	54093	38.984	ng		98
35) Caprolactam	11.572	113	27247	44.661	ng		97
36) 4-Chloro-3-methylphenol	11.913	107	101011	47.708	ng		98
37) 2-Methylnaphthalene	12.277	142	182325	42.788	ng		99
38) 1-Methylnaphthalene	12.495	142	169989	42.025	ng		98
40) 1,2,4,5-Tetrachloroben...	12.648	216	101178	38.111	ng		99
41) Hexachlorocyclopentadiene	12.618	237	30567	34.850	ng		95
43) 2,4,6-Trichlorophenol	12.894	196	75226	44.532	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	89550	44.268	ng		99
46) 1,1'-Biphenyl	13.288	154	233123	39.297	ng		97
47) 2-Chloronaphthalene	13.335	162	182790	39.539	ng		99
48) 2-Nitroaniline	13.547	65	74905	42.662	ng		98
49) Acenaphthylene	14.181	152	305457	39.843	ng		99
50) Dimethylphthalate	13.917	163	263945	39.586	ng		99
51) 2,6-Dinitrotoluene	14.046	165	57728	41.211	ng		98
52) Acenaphthene	14.522	154	179205	40.000	ng		99
53) 3-Nitroaniline	14.375	138	57774	42.763	ng		99
54) 2,4-Dinitrophenol	14.592	184	28449	40.095	ng		98
55) Dibenzofuran	14.857	168	306375	39.644	ng		99
56) 4-Nitrophenol	14.698	139	37788	40.966	ng		96
57) 2,4-Dinitrotoluene	14.833	165	82585	42.269	ng		96
58) Fluorene	15.509	166	242121	39.367	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	71364	43.232	ng		97
60) Diethylphthalate	15.280	149	272207	39.596	ng		99
61) 4-Chlorophenyl-phenyle...	15.497	204	137079	40.211	ng		94
62) 4-Nitroaniline	15.544	138	58905	42.963	ng		94
63) Azobenzene	15.791	77	250085	39.618	ng		98
65) 4,6-Dinitro-2-methylph...	15.603	198	48061	42.563	ng		98
66) n-Nitrosodiphenylamine	15.720	169	223056	43.323	ng		97
67) 4-Bromophenyl-phenylether	16.396	248	94173	42.960	ng		98
68) Hexachlorobenzene	16.514	284	95413	40.441	ng		99
69) Atrazine	16.666	200	65262	35.817	ng		98
70) Pentachlorophenol	16.860	266	53307	43.089	ng		98
71) Phenanthrene	17.248	178	385190	40.165	ng		99
72) Anthracene	17.342	178	392741	40.832	ng		98
73) Carbazole	17.612	167	354599	40.259	ng		98
74) Di-n-butylphthalate	18.165	149	449622	40.466	ng		100
75) Fluoranthene	19.263	202	465729	39.161	ng		99
77) Benzidine	19.451	184	108388	37.609	ng		98
78) Pyrene	19.628	202	475935	42.477	ng		99
80) Butylbenzylphthalate	20.515	149	200732	44.173	ng		96
81) Benzo(a)anthracene	21.431	228	459119	41.016	ng		99
82) 3,3'-Dichlorobenzidine	21.355	252	160311	41.482	ng		99
83) Chrysene	21.496	228	438273	40.621	ng		99
84) Bis(2-ethylhexyl)phtha...	21.331	149	289102	43.378	ng		100
85) Di-n-octyl phthalate	22.483	149	494446	43.133	ng		100
87) Indeno(1,2,3-cd)pyrene	28.030	276	562172	41.647	ng	#	93
88) Benzo(b)fluoranthene	23.552	252	449555	40.610	ng		98
89) Benzo(k)fluoranthene	23.617	252	444962	38.975	ng		99
90) Benzo(a)pyrene	24.381	252	447821	41.084	ng		98
91) Dibenzo(a,h)anthracene	28.082	278	462552	41.702	ng		98
92) Benzo(g,h,i)perylene	29.128	276	462504	41.705	ng		95

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

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