Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081823\
Data File : BG058777.D
Acq On : 18 Aug 2023 15:27
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 21 01:36:50 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 01:23:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.812	152	30812	20.000	ng		0.00
21) Naphthalene-d8	10.609	136	116583	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	80989	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	193833	20.000	ng		0.00
76) Chrysene-d12	21.455	240	159379	20.000	ng		0.00
86) Perylene-d12	24.528	264	205238	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.380	112	286214	149.485	ng		0.00
7) Phenol-d6	6.990	99	400507	149.092	ng		0.00
23) Nitrobenzene-d5	8.981	82	381797	157.449	ng		0.00
42) 2,4,6-Tribromophenol	15.956	330	199630	157.202	ng		0.00
45) 2-Fluorobiphenyl	13.082	172	794034	142.598	ng		0.00
79) Terphenyl-d14	19.827	244	1257801	141.706	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.270	88	63718	69.696	ng		96
3) Pyridine	3.670	79	183105m	76.709	ng		
4) n-Nitrosodimethylamine	3.594	42	95528	73.868	ng		92
6) Aniline	7.142	93	246591	75.093	ng		99
8) 2-Chlorophenol	7.377	128	142223	73.465	ng		98
9) Benzaldehyde	6.954	77	100545m	66.759	ng		
10) Phenol	7.019	94	193196	74.583	ng		96
11) bis(2-Chloroethyl)ether	7.242	93	147505	72.978	ng		99
12) 1,3-Dichlorobenzene	7.700	146	149341	72.624	ng		95
13) 1,4-Dichlorobenzene	7.847	146	151586	72.898	ng		96
14) 1,2-Dichlorobenzene	8.165	146	144855	72.074	ng		98
15) Benzyl Alcohol	8.059	79	154663	80.527	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.341	45	318300	73.894	ng		98
17) 2-Methylphenol	8.259	107	144585	75.996	ng		98
18) Hexachloroethane	8.887	117	57107	75.375	ng		98
19) n-Nitroso-di-n-propyla...	8.623	70	130603	75.212	ng		99
20) 3+4-Methylphenols	8.594	107	195664	76.496	ng		98
22) Acetophenone	8.641	105	242541	76.854	ng	#	99
24) Nitrobenzene	9.022	77	189606	78.617	ng		98
25) Isophorone	9.545	82	379361	78.669	ng		99
26) 2-Nitrophenol	9.733	139	85912	85.173	ng		95
27) 2,4-Dimethylphenol	9.792	122	138021	80.738	ng		98
28) bis(2-Chloroethoxy)met...	10.027	93	198786	77.823	ng		98
29) 2,4-Dichlorophenol	10.268	162	143532	81.557	ng		95
30) 1,2,4-Trichlorobenzene	10.474	180	164549	77.572	ng		97
31) Naphthalene	10.662	128	467368	76.351	ng		99
32) Benzoic acid	10.004	122	88887	80.795	ng		98
33) 4-Chloroaniline	10.779	127	211638	81.978	ng		98
34) Hexachlorobutadiene	10.944	225	111853	78.128	ng		98
35) Caprolactam	11.596	113	51268	81.447	ng	#	86
36) 4-Chloro-3-methylphenol	11.913	107	174591	79.922	ng		98
37) 2-Methylnaphthalene	12.277	142	337786	76.830	ng		98
38) 1-Methylnaphthalene	12.501	142	315686	75.643	ng		99
40) 1,2,4,5-Tetrachloroben...	12.648	216	191983	76.892	ng		99
41) Hexachlorocyclopentadiene	12.624	237	81646	82.781	ng		99
43) 2,4,6-Trichlorophenol	12.894	196	129845	81.730	ng		97

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44) 2,4,5-Trichlorophenol	12.971	196	151991	79.891	ng		96
46) 1,1'-Biphenyl	13.294	154	418006	74.922	ng		99
47) 2-Chloronaphthalene	13.335	162	330480	76.010	ng		99
48) 2-Nitroaniline	13.552	65	136498	82.662	ng		98
49) Acenaphthylene	14.187	152	541784	75.141	ng		99
50) Dimethylphthalate	13.923	163	471747	75.229	ng		100
51) 2,6-Dinitrotoluene	14.046	165	105470	80.059	ng		92
52) Acenaphthene	14.528	154	315437	74.864	ng		99
53) 3-Nitroaniline	14.381	138	105993	83.418	ng		96
54) 2,4-Dinitrophenol	14.592	184	59558	80.810	ng		95
55) Dibenzofuran	14.863	168	534454	73.533	ng		99
56) 4-Nitrophenol	14.698	139	72779	79.156	ng		99
57) 2,4-Dinitrotoluene	14.839	165	146992	79.996	ng		98
58) Fluorene	15.509	166	422473	73.038	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	126173	81.273	ng		95
60) Diethylphthalate	15.286	149	477292	73.823	ng		98
61) 4-Chlorophenyl-phenyle...	15.503	204	237174	73.977	ng		95
62) 4-Nitroaniline	15.550	138	105624	81.913	ng		96
63) Azobenzene	15.797	77	446365	75.187	ng		99
65) 4,6-Dinitro-2-methylph...	15.609	198	93281	85.139	ng		99
66) n-Nitrosodiphenylamine	15.721	169	378898	75.843	ng		98
67) 4-Bromophenyl-phenylether	16.396	248	166010	78.048	ng		99
68) Hexachlorobenzene	16.514	284	174946	76.421	ng		98
70) Pentachlorophenol	16.860	266	104868	87.362	ng		97
71) Phenanthrene	17.248	178	681782	73.268	ng		99
72) Anthracene	17.342	178	698414	74.834	ng		100
73) Carbazole	17.618	167	625583	73.198	ng		98
74) Di-n-butylphthalate	18.165	149	782383	72.569	ng		98
75) Fluoranthene	19.263	202	823521	71.365	ng		99
78) Pyrene	19.628	202	828300	74.588	ng		98
80) Butylbenzylphthalate	20.515	149	358260	79.546	ng		99
81) Benzo(a)anthracene	21.437	228	838996	75.624	ng		99
82) 3,3'-Dichlorobenzidine	21.355	252	292677	76.412	ng		99
83) Chrysene	21.496	228	801366	74.939	ng		100
84) Bis(2-ethylhexyl)phtha...	21.332	149	511038	77.364	ng		99
85) Di-n-octyl phthalate	22.483	149	895854	78.849	ng		99
87) Indeno(1,2,3-cd)pyrene	28.041	276	1082805	77.980	ng	#	94
88) Benzo(b)fluoranthene	23.558	252	882754	77.518	ng		99
89) Benzo(k)fluoranthene	23.623	252	870615	74.132	ng		99
90) Benzo(a)pyrene	24.387	252	864534	77.102	ng		99
91) Dibenzo(a,h)anthracene	28.100	278	883740	77.496	ng		98
92) Benzo(g,h,i)perylene	29.152	276	893868	78.228	ng		98

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

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