Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
Data File : BG057022.D
Acq On : 7 Apr 2023 11:19
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 04:48:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 08 04:45:47 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.408	152	16410	20.000	ng		0.00
21) Naphthalene-d8	11.251	136	65226	20.000	ng		0.00
39) Acenaphthene-d10	15.022	164	49521	20.000	ng		0.00
64) Phenanthrene-d10	17.760	188	120397	20.000	ng		0.00
76) Chrysene-d12	22.083	240	95869	20.000	ng		0.00
86) Perylene-d12	25.631	264	102500	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.917	112	78392	76.455	ng		0.00
7) Phenol-d6	7.538	99	118487	77.265	ng		0.00
23) Nitrobenzene-d5	9.588	82	122863	77.074	ng		0.00
42) 2,4,6-Tribromophenol	16.503	330	68031	85.994	ng		0.00
45) 2-Fluorobiphenyl	13.648	172	294655	80.684	ng		0.00
79) Terphenyl-d14	20.327	244	504058	88.970	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.720	88	15114	33.626	ng		96
3) Pyridine	4.143	79	50956	35.198	ng		98
4) n-Nitrosodimethylamine	4.049	42	23244	34.922	ng		100
6) Aniline	7.720	93	75491	38.507	ng		100
8) 2-Chlorophenol	7.967	128	40456	39.613	ng		94
9) Benzaldehyde	7.527	77	34808	36.188	ng		94
10) Phenol	7.568	94	58389	38.426	ng		97
11) bis(2-Chloroethyl)ether	7.808	93	42395	39.168	ng		91
12) 1,3-Dichlorobenzene	8.296	146	43107	38.199	ng		98
13) 1,4-Dichlorobenzene	8.443	146	43341	38.054	ng		98
14) 1,2-Dichlorobenzene	8.772	146	43048	39.122	ng		92
15) Benzyl Alcohol	8.637	79	49191	38.604	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.931	45	49000	37.563	ng		97
17) 2-Methylphenol	8.842	107	43119	39.775	ng		93
18) Hexachloroethane	9.512	117	15463	37.145	ng		94
19) n-Nitroso-di-n-propyla...	9.212	70	42615	38.851	ng	#	96
20) 3+4-Methylphenols	9.171	107	60781	40.095	ng		94
22) Acetophenone	9.236	105	73950	38.101	ng	#	96
24) Nitrobenzene	9.630	77	62513	38.357	ng		98
25) Isophorone	10.152	82	115106	37.919	ng		98
26) 2-Nitrophenol	10.346	139	26143	41.558	ng		89
27) 2,4-Dimethylphenol	10.387	122	42909	38.633	ng		96
28) bis(2-Chloroethoxy)met...	10.622	93	58701	38.626	ng		96
29) 2,4-Dichlorophenol	10.887	162	45866	38.398	ng		98
30) 1,2,4-Trichlorobenzene	11.110	180	50382	39.696	ng		97
31) Naphthalene	11.304	128	138137	38.854	ng		98
32) Benzoic acid	10.522	122	29888m	39.174	ng		
33) 4-Chloroaniline	11.398	127	63381	39.472	ng		99
34) Hexachlorobutadiene	11.574	225	38186	40.053	ng		97
35) Caprolactam	12.173	113	15150	36.777	ng		94
36) 4-Chloro-3-methylphenol	12.490	107	52126	39.022	ng		94
37) 2-Methylnaphthalene	12.878	142	110862	39.289	ng		98
38) 1-Methylnaphthalene	13.095	142	101962	38.483	ng		96
40) 1,2,4,5-Tetrachloroben...	13.236	216	70716	41.180	ng		100
41) Hexachlorocyclopentadiene	13.213	237	38370	40.553	ng		95
43) 2,4,6-Trichlorophenol	13.466	196	46693	42.609	ng		96

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44) 2,4,5-Trichlorophenol	13.542	196	53587	41.278	ng		97
46) 1,1'-Biphenyl	13.859	154	147736	40.754	ng		95
47) 2-Chloronaphthalene	13.912	162	111278	41.505	ng		99
48) 2-Nitroaniline	14.106	65	38537	40.198	ng		94
49) Acenaphthylene	14.752	152	180132	40.892	ng		99
50) Dimethylphthalate	14.458	163	156472	40.101	ng		98
51) 2,6-Dinitrotoluene	14.588	165	33763	40.049	ng		94
52) Acenaphthene	15.087	154	122537	40.334	ng		95
53) 3-Nitroaniline	14.916	138	34171	40.950	ng		91
54) 2,4-Dinitrophenol	15.122	184	21376	45.048	ng		92
55) Dibenzofuran	15.416	168	184360	40.431	ng		98
56) 4-Nitrophenol	15.210	139	24975	40.474	ng		93
57) 2,4-Dinitrotoluene	15.369	165	49757	41.847	ng		95
58) Fluorene	16.062	166	151129	40.053	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.639	232	47748	40.396	ng		100
60) Diethylphthalate	15.804	149	159115	40.677	ng		98
61) 4-Chlorophenyl-phenyle...	16.044	204	90216	40.723	ng		97
62) 4-Nitroaniline	16.080	138	36793	42.557	ng		88
63) Azobenzene	16.338	77	152329	39.076	ng		97
65) 4,6-Dinitro-2-methylph...	16.133	198	32695	44.838	ng		98
66) n-Nitrosodiphenylamine	16.256	169	131678	40.742	ng		98
67) 4-Bromophenyl-phenylether	16.937	248	60306	40.482	ng		92
68) Hexachlorobenzene	17.067	284	62003	42.099	ng		97
69) Atrazine	17.190	200	53309	39.735	ng		93
70) Pentachlorophenol	17.407	266	40088	37.940	ng		97
71) Phenanthrene	17.807	178	241348	39.318	ng		99
72) Anthracene	17.895	178	247394	39.315	ng		99
73) Carbazole	18.159	167	211997	38.641	ng		94
74) Di-n-butylphthalate	18.682	149	252727	39.780	ng		100
75) Fluoranthene	19.792	202	284119	36.513	ng		98
77) Benzidine	19.951	184	103014	39.312	ng		98
78) Pyrene	20.151	202	284111	42.847	ng		97
80) Butylbenzylphthalate	21.008	149	100798	44.175	ng		94
81) Benzo(a)anthracene	22.060	228	270178	40.726	ng		100
82) 3,3'-Dichlorobenzidine	21.960	252	92792	41.421	ng		98
83) Chrysene	22.136	228	253695	40.842	ng		100
84) Bis(2-ethylhexyl)phtha...	21.913	149	139608	42.253	ng		98
85) Di-n-octyl phthalate	23.229	149	231093	41.504	ng		99
87) Indeno(1,2,3-cd)pyrene	29.726	276	302806	39.973	ng	#	96
88) Benzo(b)fluoranthene	24.492	252	259718	40.520	ng		97
89) Benzo(k)fluoranthene	24.568	252	263392	41.162	ng		97
90) Benzo(a)pyrene	25.461	252	251584	39.943	ng		98
91) Dibenzo(a,h)anthracene	29.785	278	256207	41.146	ng		96
92) Benzo(g,h,i)perylene	31.018	276	242773	39.817	ng		100

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

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