Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
Data File : BG057422.D
Acq On : 13 May 2023 1:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 13 03:13:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.361	152	18601	20.000	ng		0.00
21) Naphthalene-d8	11.199	136	74603	20.000	ng		0.00
39) Acenaphthene-d10	14.982	164	57888	20.000	ng		0.00
64) Phenanthrene-d10	17.719	188	146558	20.000	ng		0.00
76) Chrysene-d12	22.031	240	134340	20.000	ng		0.00
86) Perylene-d12	25.526	264	145050	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.882	112	87508	80.475	ng		0.00
7) Phenol-d6	7.504	99	129963	78.706	ng		0.00
23) Nitrobenzene-d5	9.542	82	131538	74.002	ng		0.00
42) 2,4,6-Tribromophenol	16.462	330	70851	86.260	ng		0.00
45) 2-Fluorobiphenyl	13.601	172	338664	78.792	ng		0.00
79) Terphenyl-d14	20.286	244	621346	75.479	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.680	88	17511	38.947	ng		93
3) Pyridine	4.102	79	54559	37.760	ng		99
4) n-Nitrosodimethylamine	4.014	42	24308	35.799	ng		87
6) Aniline	7.674	93	78953	37.691	ng		94
8) 2-Chlorophenol	7.927	128	44958	39.127	ng		97
9) Benzaldehyde	7.492	77	32392	36.353	ng		93
10) Phenol	7.533	94	63247	39.292	ng		96
11) bis(2-Chloroethyl)ether	7.762	93	45243	37.274	ng		98
12) 1,3-Dichlorobenzene	8.250	146	49382	38.940	ng		95
13) 1,4-Dichlorobenzene	8.403	146	50516	39.657	ng		92
14) 1,2-Dichlorobenzene	8.726	146	47431	38.571	ng		96
15) Benzyl Alcohol	8.596	79	51469	37.415	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.884	45	53238m	34.799	ng		
17) 2-Methylphenol	8.802	107	45394	39.122	ng		97
18) Hexachloroethane	9.460	117	17783	38.684	ng		97
19) n-Nitroso-di-n-propyla...	9.166	70	45063	35.790	ng		96
20) 3+4-Methylphenols	9.131	107	62880	39.577	ng		96
22) Acetophenone	9.196	105	79201	37.092	ng	#	97
24) Nitrobenzene	9.589	77	66297	36.953	ng		91
25) Isophorone	10.106	82	123624	35.867	ng		98
26) 2-Nitrophenol	10.306	139	29118	42.401	ng		94
27) 2,4-Dimethylphenol	10.347	122	48559	40.383	ng		100
28) bis(2-Chloroethoxy)met...	10.576	93	63559	36.809	ng		100
29) 2,4-Dichlorophenol	10.846	162	52617	41.256	ng		96
30) 1,2,4-Trichlorobenzene	11.058	180	57485	39.078	ng		99
31) Naphthalene	11.252	128	154603	38.763	ng		99
32) Benzoic acid	10.500	122	28139m	41.310	ng		
33) 4-Chloroaniline	11.351	127	73013	40.764	ng		97
34) Hexachlorobutadiene	11.522	225	42045	38.520	ng		97
35) Caprolactam	12.121	113	17723	40.681	ng	#	89
36) 4-Chloro-3-methylphenol	12.450	107	59551	41.088	ng		98
37) 2-Methylnaphthalene	12.832	142	124972	39.853	ng		98
38) 1-Methylnaphthalene	13.049	142	116140	39.294	ng		100
40) 1,2,4,5-Tetrachloroben...	13.190	216	83157	40.464	ng		99
41) Hexachlorocyclopentadiene	13.167	237	37206	40.996	ng		98
43) 2,4,6-Trichlorophenol	13.425	196	52700	42.092	ng		99

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44) 2,4,5-Trichlorophenol	13.507	196	60281	40.931	ng		97
46) 1,1'-Biphenyl	13.819	154	170605	39.717	ng		98
47) 2-Chloronaphthalene	13.872	162	127601	39.947	ng		98
48) 2-Nitroaniline	14.065	65	43009	39.599	ng		91
49) Acenaphthylene	14.706	152	207217	39.931	ng		98
50) Dimethylphthalate	14.418	163	181021	38.054	ng		99
51) 2,6-Dinitrotoluene	14.547	165	39593	40.765	ng		91
52) Acenaphthene	15.046	154	128949	39.765	ng		99
53) 3-Nitroaniline	14.882	138	40018	41.128	ng		87
54) 2,4-Dinitrophenol	15.093	184	21858	39.023	ng		96
55) Dibenzofuran	15.375	168	215172	39.492	ng		99
56) 4-Nitrophenol	15.182	139	26192	40.473	ng		96
57) 2,4-Dinitrotoluene	15.334	165	58429	42.093	ng	#	89
58) Fluorene	16.022	166	178084	39.681	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.599	232	55787	41.781	ng		100
60) Diethylphthalate	15.757	149	182742	37.828	ng		99
61) 4-Chlorophenyl-phenyle...	15.998	204	106779	39.495	ng		96
62) 4-Nitroaniline	16.039	138	40426	41.184	ng		95
63) Azobenzene	16.292	77	169325	36.327	ng		96
65) 4,6-Dinitro-2-methylph...	16.098	198	38556	44.064	ng		96
66) n-Nitrosodiphenylamine	16.215	169	156540	39.327	ng		98
67) 4-Bromophenyl-phenylether	16.891	248	71243	39.821	ng		98
68) Hexachlorobenzene	17.026	284	71822	41.310	ng		98
69) Atrazine	17.144	200	61031	40.193	ng		97
70) Pentachlorophenol	17.373	266	40782	40.701	ng		95
71) Phenanthrene	17.760	178	293957	39.143	ng		100
72) Anthracene	17.854	178	300269	38.967	ng		98
73) Carbazole	18.119	167	254164	39.179	ng		99
74) Di-n-butylphthalate	18.636	149	300154	40.214	ng		99
75) Fluoranthene	19.752	202	368378	39.439	ng		99
77) Benzidine	19.916	184	113471	37.781	ng		99
78) Pyrene	20.110	202	370200	37.923	ng		99
80) Butylbenzylphthalate	20.962	149	129120	41.687	ng		98
81) Benzo(a)anthracene	22.008	228	374745	39.153	ng		100
82) 3,3'-Dichlorobenzidine	21.902	252	124529	40.620	ng		98
83) Chrysene	22.078	228	353140	39.214	ng		100
84) Bis(2-ethylhexyl)phtha...	21.849	149	185299	40.434	ng		100
85) Di-n-octyl phthalate	23.147	149	315101	41.243	ng		98
87) Indeno(1,2,3-cd)pyrene	29.591	276	411161	38.894	ng	#	96
88) Benzo(b)fluoranthene	24.410	252	364496	38.442	ng		98
89) Benzo(k)fluoranthene	24.481	252	362985	37.673	ng		99
90) Benzo(a)pyrene	25.362	252	352762	38.081	ng		98
91) Dibenzo(a,h)anthracene	29.638	278	343468	39.013	ng		98
92) Benzo(g,h,i)perylene	30.854	276	334230	38.881	ng		99

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

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