Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112922\
Data File : BG055822.D
Acq On : 29 Nov 2022 10:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 30 02:07:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 02:01:09 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.226	152	34945	20.000	ng		0.00
21) Naphthalene-d8	11.058	136	141825	20.000	ng	#	0.00
39) Acenaphthene-d10	14.853	164	104904	20.000	ng		0.00
64) Phenanthrene-d10	17.591	188	253110	20.000	ng		0.00
76) Chrysene-d12	21.880	240	245372	20.000	ng		0.00
86) Perylene-d12	25.270	264	263690	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.758	112	151330	78.275	ng		0.00
7) Phenol-d6	7.374	99	201795	78.411	ng		0.00
23) Nitrobenzene-d5	9.401	82	217041	80.886	ng		0.00
42) 2,4,6-Tribromophenol	16.334	330	120889	81.837	ng		0.00
45) 2-Fluorobiphenyl	13.473	172	551238	78.722	ng		0.00
79) Terphenyl-d14	20.176	244	963271	78.520	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.584	88	32381	39.192	ng		98
3) Pyridine	4.001	79	98600	38.901	ng		97
4) n-Nitrosodimethylamine	3.907	42	55068	41.037	ng		97
6) Aniline	7.538	93	124868	38.629	ng		98
8) 2-Chlorophenol	7.785	128	86568	39.169	ng		99
9) Benzaldehyde	7.356	77	65579	37.521	ng		100
10) Phenol	7.403	94	113310	39.322	ng		98
11) bis(2-Chloroethyl)ether	7.632	93	84219	38.137	ng		98
12) 1,3-Dichlorobenzene	8.114	146	100962	38.854	ng		96
13) 1,4-Dichlorobenzene	8.261	146	102180	38.914	ng		98
14) 1,2-Dichlorobenzene	8.584	146	95772	38.063	ng		96
15) Benzyl Alcohol	8.461	79	83606	39.973	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.743	45	155832	38.981	ng		98
17) 2-Methylphenol	8.666	107	80400	39.300	ng		94
18) Hexachloroethane	9.319	117	35413	39.185	ng		94
19) n-Nitroso-di-n-propyla...	9.031	70	78674	39.787	ng		99
20) 3+4-Methylphenols	8.995	107	116320	40.702	ng		99
22) Acetophenone	9.054	105	145195	39.398	ng	#	98
24) Nitrobenzene	9.442	77	110799	39.532	ng		99
25) Isophorone	9.965	82	204643	40.251	ng		99
26) 2-Nitrophenol	10.159	139	55765	43.100	ng		94
27) 2,4-Dimethylphenol	10.206	122	80109m	40.681	ng		
28) bis(2-Chloroethoxy)met...	10.441	93	108234	39.655	ng		98
29) 2,4-Dichlorophenol	10.699	162	97277	41.272	ng		97
30) 1,2,4-Trichlorobenzene	10.911	180	108452	39.606	ng		98
31) Naphthalene	11.105	128	299379	39.048	ng		99
32) Benzoic acid	10.347	122	50685	31.285	ng		91
33) 4-Chloroaniline	11.210	127	126684	40.056	ng		97
34) Hexachlorobutadiene	11.381	225	75644	40.456	ng		97
35) Caprolactam	11.986	113	33129	40.618	ng		95
36) 4-Chloro-3-methylphenol	12.321	107	107631	41.548	ng		100
37) 2-Methylnaphthalene	12.697	142	228395	39.787	ng		99
38) 1-Methylnaphthalene	12.914	142	223208	40.053	ng		99
40) 1,2,4,5-Tetrachloroben...	13.055	216	132635	40.233	ng		99
41) Hexachlorocyclopentadiene	13.032	237	53323	32.093	ng		96
43) 2,4,6-Trichlorophenol	13.296	196	89078	39.612	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.373	196	100653	40.730	ng		97
46) 1,1'-Biphenyl	13.690	154	299437	39.170	ng		99
47) 2-Chloronaphthalene	13.737	162	235317	39.603	ng		99
48) 2-Nitroaniline	13.937	65	81693	41.818	ng		95
49) Acenaphthylene	14.577	152	389272	39.785	ng		100
50) Dimethylphthalate	14.295	163	339196	40.561	ng		100
51) 2,6-Dinitrotoluene	14.418	165	71512	41.823	ng		99
52) Acenaphthene	14.918	154	255303m	39.923	ng		
53) 3-Nitroaniline	14.753	138	77009	41.027	ng		97
54) 2,4-Dinitrophenol	14.965	184	40330	41.023	ng		95
55) Dibenzofuran	15.247	168	387061	39.235	ng		99
56) 4-Nitrophenol	15.059	139	55198	37.468	ng		93
57) 2,4-Dinitrotoluene	15.206	165	104708	43.434	ng		93
58) Fluorene	15.893	166	314144	39.870	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.470	232	94004	39.258	ng		98
60) Diethylphthalate	15.641	149	340416	40.263	ng		99
61) 4-Chlorophenyl-phenyle...	15.876	204	172995	39.942	ng		99
62) 4-Nitroaniline	15.917	138	81613	41.594	ng		98
63) Azobenzene	16.169	77	287501	38.950	ng		99
65) 4,6-Dinitro-2-methylph...	15.970	198	65636	46.440	ng		96
66) n-Nitrosodiphenylamine	16.093	169	280079	40.152	ng		99
67) 4-Bromophenyl-phenylether	16.769	248	117418	40.715	ng		100
68) Hexachlorobenzene	16.898	284	129338	40.446	ng		98
69) Atrazine	17.027	200	112622	40.823	ng		98
70) Pentachlorophenol	17.245	266	68020	34.772	ng		99
71) Phenanthrene	17.632	178	538976	39.460	ng		99
72) Anthracene	17.726	178	525070	39.565	ng		99
73) Carbazole	17.991	167	472832	39.631	ng		99
74) Di-n-butylphthalate	18.520	149	593230	40.044	ng		100
75) Fluoranthene	19.630	202	641591	38.610	ng		100
77) Benzidine	19.800	184	206997	36.465	ng		98
78) Pyrene	19.994	202	652623	39.294	ng		100
80) Butylbenzylphthalate	20.852	149	261735	40.255	ng		98
81) Benzo(a)anthracene	21.863	228	667704	39.509	ng		100
82) 3,3'-Dichlorobenzidine	21.763	252	236634	39.848	ng		100
83) Chrysene	21.933	228	632930	39.340	ng		99
84) Bis(2-ethylhexyl)phtha...	21.728	149	375955	40.234	ng		100
85) Di-n-octyl phthalate	22.991	149	638262	39.914	ng		100
87) Indeno(1,2,3-cd)pyrene	29.189	276	813335	37.651	ng	#	97
88) Benzo(b)fluoranthene	24.189	252	669538	38.988	ng		99
89) Benzo(k)fluoranthene	24.266	252	667135	38.973	ng		99
90) Benzo(a)pyrene	25.118	252	576727	39.136	ng		100
91) Dibenzo(a,h)anthracene	29.248	278	669302	37.915	ng		100
92) Benzo(g,h,i)perylene	30.417	276	666053	37.436	ng		98

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

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