Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
Data File : BG057062.D
Acq On : 12 Apr 2023 13:27
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 13 05:22:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.411	152	15375	20.000	ng		0.00
21) Naphthalene-d8	11.249	136	59884	20.000	ng	#	0.00
39) Acenaphthene-d10	15.020	164	44989	20.000	ng		0.00
64) Phenanthrene-d10	17.763	188	110103	20.000	ng		0.00
76) Chrysene-d12	22.081	240	99382	20.000	ng		0.00
86) Perylene-d12	25.611	264	107319	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.915	112	75369	78.455	ng		0.00
7) Phenol-d6	7.536	99	110922	77.201	ng		0.00
23) Nitrobenzene-d5	9.586	82	111606	76.258	ng		0.00
42) 2,4,6-Tribromophenol	16.500	330	61100	85.013	ng		0.00
45) 2-Fluorobiphenyl	13.645	172	263374	79.383	ng		0.00
79) Terphenyl-d14	20.324	244	495189	84.315	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.723	88	16728	39.722	ng		92
3) Pyridine	4.146	79	51504	37.971	ng		99
4) n-Nitrosodimethylamine	4.052	42	21346	34.229	ng	#	79
6) Aniline	7.718	93	68490	37.288	ng		98
8) 2-Chlorophenol	7.965	128	37478	39.167	ng		91
9) Benzaldehyde	7.530	77	31814	35.302	ng		93
10) Phenol	7.565	94	54665	38.397	ng		94
11) bis(2-Chloroethyl)ether	7.806	93	40802	40.234	ng		88
12) 1,3-Dichlorobenzene	8.294	146	41230	38.995	ng		95
13) 1,4-Dichlorobenzene	8.446	146	41476	38.868	ng		96
14) 1,2-Dichlorobenzene	8.770	146	39880	38.682	ng		94
15) Benzyl Alcohol	8.640	79	43848	36.728	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.922	45	47480	38.848	ng		95
17) 2-Methylphenol	8.840	107	39162	38.556	ng		86
18) Hexachloroethane	9.510	117	15192	38.951	ng		93
19) n-Nitroso-di-n-propyla...	9.210	70	38352	37.318	ng	#	90
20) 3+4-Methylphenols	9.169	107	52533	36.987	ng		98
22) Acetophenone	9.234	105	66135	37.114	ng		96
24) Nitrobenzene	9.627	77	56864	38.003	ng		96
25) Isophorone	10.150	82	102245	36.687	ng		97
26) 2-Nitrophenol	10.344	139	23630	40.914	ng		93
27) 2,4-Dimethylphenol	10.385	122	38803	38.052	ng		92
28) bis(2-Chloroethoxy)met...	10.620	93	53980	38.688	ng		97
29) 2,4-Dichlorophenol	10.884	162	40934	37.326	ng		93
30) 1,2,4-Trichlorobenzene	11.108	180	45442	38.998	ng		94
31) Naphthalene	11.301	128	127421	39.037	ng		100
32) Benzoic acid	10.508	122	26118m	37.287	ng		
33) 4-Chloroaniline	11.395	127	56323	38.206	ng		97
34) Hexachlorobutadiene	11.572	225	33712	38.515	ng		92
35) Caprolactam	12.165	113	13500	35.695	ng	#	84
36) 4-Chloro-3-methylphenol	12.488	107	46806	38.165	ng		98
37) 2-Methylnaphthalene	12.876	142	98742	38.116	ng		98
38) 1-Methylnaphthalene	13.093	142	92006	37.823	ng		100
40) 1,2,4,5-Tetrachloroben...	13.234	216	61916	39.687	ng		99
41) Hexachlorocyclopentadiene	13.211	237	33889	39.426	ng		98
43) 2,4,6-Trichlorophenol	13.463	196	40518	40.699	ng		95

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44) 2,4,5-Trichlorophenol	13.540	196	46671	39.572	ng		98
46) 1,1'-Biphenyl	13.857	154	130270	39.556	ng		99
47) 2-Chloronaphthalene	13.910	162	101877	41.826	ng		98
48) 2-Nitroaniline	14.103	65	33834	38.847	ng		94
49) Acenaphthylene	14.750	152	160876	40.199	ng		99
50) Dimethylphthalate	14.456	163	141308	39.863	ng		98
51) 2,6-Dinitrotoluene	14.585	165	31093	40.597	ng		95
52) Acenaphthene	15.085	154	110668	40.096	ng		97
53) 3-Nitroaniline	14.914	138	31761	41.896	ng		96
54) 2,4-Dinitrophenol	15.120	184	18550	43.030	ng	#	92
55) Dibenzofuran	15.413	168	166909	40.292	ng		98
56) 4-Nitrophenol	15.208	139	22493	40.124	ng	#	87
57) 2,4-Dinitrotoluene	15.366	165	44693	41.374	ng	#	98
58) Fluorene	16.060	166	136642	39.862	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.637	232	42319	39.409	ng	#	98
60) Diethylphthalate	15.801	149	146110	41.115	ng		99
61) 4-Chlorophenyl-phenyle...	16.042	204	79937	39.718	ng		98
62) 4-Nitroaniline	16.077	138	33521	42.678	ng		90
63) Azobenzene	16.336	77	142656	40.281	ng		97
65) 4,6-Dinitro-2-methylph...	16.130	198	29129	43.683	ng		97
66) n-Nitrosodiphenylamine	16.254	169	119615	40.470	ng		100
67) 4-Bromophenyl-phenylether	16.935	248	54156	39.753	ng		96
68) Hexachlorobenzene	17.064	284	55703	41.357	ng		97
69) Atrazine	17.188	200	48327	39.390	ng		93
70) Pentachlorophenol	17.405	266	34745	35.958	ng		97
71) Phenanthrene	17.804	178	227530	40.532	ng		99
72) Anthracene	17.892	178	231136	40.165	ng		99
73) Carbazole	18.157	167	201123	40.086	ng		95
74) Di-n-butylphthalate	18.680	149	243998	41.997	ng		99
75) Fluoranthene	19.790	202	278699	39.165	ng		99
77) Benzidine	19.954	184	105352	38.783	ng		99
78) Pyrene	20.148	202	279971	40.730	ng		98
80) Butylbenzylphthalate	21.006	149	103250	43.650	ng		93
81) Benzo(a)anthracene	22.057	228	277328	40.326	ng		99
82) 3,3'-Dichlorobenzidine	21.958	252	93396	40.217	ng		99
83) Chrysene	22.128	228	264378	41.057	ng		98
84) Bis(2-ethylhexyl)phtha...	21.911	149	148473	43.348	ng		99
85) Di-n-octyl phthalate	23.221	149	246530	42.711	ng		99
87) Indeno(1,2,3-cd)pyrene	29.712	276	320081	40.356	ng		98
88) Benzo(b)fluoranthene	24.484	252	274005	40.829	ng		99
89) Benzo(k)fluoranthene	24.560	252	276110	41.212	ng		99
90) Benzo(a)pyrene	25.453	252	266328	40.386	ng		99
91) Dibenzo(a,h)anthracene	29.765	278	270742	41.528	ng		98
92) Benzo(g,h,i)perylene	30.992	276	257955	40.408	ng		99

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

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