Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
Data File : BG045438.D
Acq On : 21 May 2020 12:44
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/22/2020 2:56:17 PM

Quant Time: May 21 15:08:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 14:43:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	80239	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	331056	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	249718	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	599513	20.00	ng		0.00
76) Chrysene-d12	21.62	240	556199	20.00	ng		0.00
87) Perylene-d12	24.77	264	634526	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	328867	80.10	ng		0.00
7) Phenol-d6	7.19	99	489391	83.75	ng		0.00
23) Nitrobenzene-d5	9.12	82	480632	79.17	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	251312	78.69	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	1143616	77.68	ng		0.00
79) Terphenyl-d14	19.97	244	1916923	80.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	76860	37.750	ng		100
3) Pyridine	3.81	79	224726	39.631	ng		99
4) n-Nitrosodimethylamine	3.73	42	70271	37.871	ng		95
6) Aniline	7.29	93	308305	40.415	ng		99
8) 2-Chlorophenol	7.54	128	181464	40.303	ng		98
9) Benzaldehyde	7.09	77	152512	40.057	ng		97
10) Phenol	7.21	94	253178	42.037	ng		95
11) bis(2-Chloroethyl)ether	7.38	93	191087	40.676	ng		98
12) 1,3-Dichlorobenzene	7.85	146	216126	39.944	ng		98
13) 1,4-Dichlorobenzene	8.00	146	215509	40.360	ng		97
14) 1,2-Dichlorobenzene	8.31	146	206263	40.163	ng		93
15) Benzyl Alcohol	8.21	79	204654	42.394	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	177852	39.884	ng		99
17) 2-Methylphenol	8.45	107	188137	41.734	ng		97
18) Hexachloroethane	9.05	117	82836	40.505	ng		94
19) n-Nitroso-di-n-propylamine	8.77	70	174220	43.113	ng		99
20) 3+4-Methylphenols	8.78	107	254822m	41.511	ng		
22) Acetophenone	8.78	105	320456	40.841	ng	#	92
24) Nitrobenzene	9.17	77	258287	39.710	ng		98
25) Isophorone	9.69	82	491543	41.113	ng		99
26) 2-Nitrophenol	9.88	139	113160	40.669	ng		91
27) 2,4-Dimethylphenol	9.97	122	173763	42.106	ng		96
28) bis(2-Chloroethoxy)methane	10.18	93	253532	40.435	ng		98
29) 2,4-Dichlorophenol	10.45	162	202979	41.652	ng		99
30) 1,2,4-Trichlorobenzene	10.63	180	236153	41.010	ng		99
31) Naphthalene	10.82	128	618068	40.064	ng		99
32) Benzoic acid	10.16	122	137406	48.756	ng		99
33) 4-Chloroaniline	10.94	127	277521	43.036	ng		95
34) Hexachlorobutadiene	11.12	225	166128	40.813	ng		99
35) Caprolactam	11.71	113	75511	42.215	ng		93
36) 4-Chloro-3-methylphenol	12.10	107	233674	42.553	ng		96
37) 2-Methylnaphthalene	12.43	142	482712	41.981	ng		98
38) 1-Methylnaphthalene	12.65	142	450962	41.519	ng		92
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	270061	38.718	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	155275	38.569	ng		96
43) 2,4,6-Trichlorophenol	13.05	196	193739	39.985	ng		99
44) 2,4,5-Trichlorophenol	13.15	196	222585	40.200	ng		97
46) 1,1'-Biphenyl	13.44	154	602895	39.292	ng		99
47) 2-Chloronaphthalene	13.48	162	490401	39.358	ng		98
48) 2-Nitroaniline	13.69	65	162295	39.597	ng		89
49) Acenaphthylene	14.33	152	799690	39.957	ng		99
50) Dimethylphthalate	14.06	163	680453	39.722	ng		98
51) 2,6-Dinitrotoluene	14.18	165	154476	39.963	ng		93
52) Acenaphthene	14.68	154	478182	35.694	ng		98
53) 3-Nitroaniline	14.52	138	156435	39.811	ng		97
54) 2,4-Dinitrophenol	14.72	184	80882	35.221	ng		96
55) Dibenzofuran	15.00	168	786126	39.515	ng		96
56) 4-Nitrophenol	14.89	139	112722	37.890	ng		92
57) 2,4-Dinitrotoluene	14.97	165	220779	39.437	ng		95
58) Fluorene	15.66	166	647264	39.602	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	194693	39.968	ng		97
60) Diethylphthalate	15.43	149	703453	39.453	ng		99
61) 4-Chlorophenyl-phenylether	15.65	204	379098	40.533	ng		97
62) 4-Nitroaniline	15.69	138	163693	39.904	ng		96
63) Azobenzene	15.94	77	643457	38.703	ng		97
65) 4,6-Dinitro-2-methylphenol	15.74	198	135425	38.786	ng		98
66) n-Nitrosodiphenylamine	15.87	169	579630	40.268	ng		96
67) 4-Bromophenyl-phenylether	16.54	248	267442	41.197	ng		97
68) Hexachlorobenzene	16.67	284	275751	40.612	ng		97
69) Atrazine	16.82	200	230514	38.880	ng		100
70) Pentachlorophenol	17.02	266	127330	36.116	ng		97
71) Phenanthrene	17.40	178	1037361	39.636	ng		100
72) Anthracene	17.49	178	1045946	39.796	ng		97
73) Carbazole	17.77	167	1009751	39.413	ng		99
74) Di-n-butylphthalate	18.32	149	1190570	38.718	ng		99
75) Fluoranthene	19.41	202	1292678	38.832	ng		100
77) Benzidine	19.59	184	527613	33.776	ng		98
78) Pyrene	19.77	202	1293568	40.799	ng		99
80) Butylbenzylphthalate	20.66	149	547066	39.975	ng		99
81) Benzo(a)anthracene	21.60	228	1242470	40.100	ng		98
82) 3,3'-Dichlorobenzidine	21.51	252	486654	40.041	ng		98
83) Chrysene	21.66	228	1186322	39.820	ng		98
84) Bis(2-ethylhexyl)phthalate	21.51	149	753496	40.054	ng		98
85) Di-n-octyl phthalate	22.70	149	1281393	39.659	ng		99
86) Indeno(1,2,3-cd)pyrene	28.36	276	1565161	40.175	ng	#	95
88) Benzo(b)fluoranthene	23.77	252	1339790	39.370	ng		99
89) Benzo(k)fluoranthene	23.84	252	1292429	40.425	ng		98
90) Benzo(a)pyrene	24.62	252	1260776	39.780	ng	#	98
91) Dibenzo(a,h)anthracene	28.41	278	1278352	40.138	ng		99
92) Benzo(g,h,i)perylene	29.47	276	1246577	39.136	ng		98

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

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