Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043948.D
Acq On : 7 Jan 2020 9:58
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/8/2020 4:25:57 PM

Quant Time: Jan 07 16:49:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	134294	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	575941	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	379995	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	809883	20.00	ng		0.00
76) Chrysene-d12	21.59	240	672041	20.00	ng		0.00
87) Perylene-d12	24.71	264	779993	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	622584	85.12	ng		0.00
7) Phenol-d6	7.12	99	873259	85.42	ng		0.00
23) Nitrobenzene-d5	9.12	82	816435	75.83	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	339270	85.32	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1745642	83.23	ng		0.00
79) Terphenyl-d14	19.95	244	2296713	81.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	133617	41.899	ng		96
3) Pyridine	3.83	79	398231	42.271	ng		97
4) n-Nitrosodimethylamine	3.74	42	165012	39.341	ng		99
6) Aniline	7.28	93	541452	40.321	ng		98
8) 2-Chlorophenol	7.53	128	350570	40.828	ng		98
9) Benzaldehyde	7.09	77	237479	36.293	ng		98
10) Phenol	7.15	94	444688	42.216	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	358453	39.423	ng		99
12) 1,3-Dichlorobenzene	7.85	146	406799	40.486	ng		99
13) 1,4-Dichlorobenzene	7.99	146	403942	40.744	ng		99
14) 1,2-Dichlorobenzene	8.32	146	383633	40.315	ng		99
15) Benzyl Alcohol	8.19	79	322754	40.000	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	529315	37.627	ng		99
17) 2-Methylphenol	8.40	107	314890	41.309	ng		99
18) Hexachloroethane	9.05	117	154885	40.149	ng		96
19) n-Nitroso-di-n-propylamine	8.77	70	296396	38.929	ng		98
20) 3+4-Methylphenols	8.73	107	438412	41.228	ng		97
22) Acetophenone	8.78	105	562779	39.305	ng	#	98
24) Nitrobenzene	9.16	77	408855	38.343	ng		98
25) Isophorone	9.69	82	784452	38.838	ng		99
26) 2-Nitrophenol	9.87	139	206656	40.964	ng		99
27) 2,4-Dimethylphenol	9.93	122	302633	39.852	ng		99
28) bis(2-Chloroethoxy)methane	10.17	93	524827	38.975	ng		100
29) 2,4-Dichlorophenol	10.41	162	369851	40.830	ng		97
30) 1,2,4-Trichlorobenzene	10.63	180	402246	39.604	ng		98
31) Naphthalene	10.81	128	1130581	40.565	ng		99
32) Benzoic acid	10.07	122	185702m	32.373	ng		
33) 4-Chloroaniline	10.91	127	535030	40.248	ng		99
34) Hexachlorobutadiene	11.11	225	242799	39.154	ng		98
35) Caprolactam	11.69	113	138619	41.107	ng		91
36) 4-Chloro-3-methylphenol	12.04	107	405328	42.033	ng		98
37) 2-Methylnaphthalene	12.42	142	850977	40.556	ng		98
38) 1-Methylnaphthalene	12.64	142	811190	40.791	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	440740	39.572	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	209447	36.273	ng		100
43) 2,4,6-Trichlorophenol	13.02	196	308202	40.216	ng		99
44) 2,4,5-Trichlorophenol	13.10	196	321519	40.677	ng		98
46) 1,1'-Biphenyl	13.43	154	1113507	40.870	ng		100
47) 2-Chloronaphthalene	13.47	162	885723	40.231	ng		99
48) 2-Nitroaniline	13.66	65	291502	41.162	ng		99
49) Acenaphthylene	14.32	152	1307145	41.309	ng		99
50) Dimethylphthalate	14.05	163	1112083	41.217	ng		99
51) 2,6-Dinitrotoluene	14.16	165	250614	41.095	ng		99
52) Acenaphthene	14.66	154	898132	40.473	ng		99
53) 3-Nitroaniline	14.49	138	287098	41.457	ng		98
54) 2,4-Dinitrophenol	14.69	184	99920	35.440	ng		95
55) Dibenzofuran	14.99	168	1270521	41.590	ng		99
56) 4-Nitrophenol	14.80	139	213991	40.324	ng		98
57) 2,4-Dinitrotoluene	14.94	165	348468	41.994	ng		95
58) Fluorene	15.64	166	1012719	41.826	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	286788	42.196	ng		97
60) Diethylphthalate	15.41	149	1138688	42.195	ng		100
61) 4-Chlorophenyl-phenylether	15.63	204	543645	41.350	ng		99
62) 4-Nitroaniline	15.65	138	294156	43.013	ng		97
63) Azobenzene	15.93	77	1048077	41.878	ng		99
65) 4,6-Dinitro-2-methylphenol	15.71	198	156492	38.463	ng		97
66) n-Nitrosodiphenylamine	15.84	169	943652	39.566	ng		98
67) 4-Bromophenyl-phenylether	16.52	248	358615	39.371	ng		99
68) Hexachlorobenzene	16.65	284	390356	39.772	ng		99
69) Atrazine	16.80	200	311336	40.159	ng		99
70) Pentachlorophenol	16.99	266	198829	36.749	ng		97
71) Phenanthrene	17.38	178	1582549	40.739	ng		99
72) Anthracene	17.46	178	1566983	40.816	ng		100
73) Carbazole	17.74	167	1464946	41.310	ng		99
74) Di-n-butylphthalate	18.31	149	1812239	40.026	ng		99
75) Fluoranthene	19.39	202	1776059	39.978	ng		100
77) Benzidine	19.56	184	810186	47.962	ng		98
78) Pyrene	19.74	202	1773585	40.431	ng		99
80) Butylbenzylphthalate	20.64	149	866204	41.476	ng		98
81) Benzo(a)anthracene	21.57	228	1721436	41.310	ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	667946	40.572	ng		100
83) Chrysene	21.63	228	1650661	41.688	ng		100
84) Bis(2-ethylhexyl)phthalate	21.50	149	1176558	40.829	ng		99
85) Di-n-octyl phthalate	22.68	149	2022564	41.749	ng		99
86) Indeno(1,2,3-cd)pyrene	28.25	276	2089727	38.835	ng	#	91
88) Benzo(b)fluoranthene	23.72	252	1860266	40.343	ng		99
89) Benzo(k)fluoranthene	23.79	252	1771292	40.395	ng		99
90) Benzo(a)pyrene	24.56	252	1756867	40.368	ng		99
91) Dibenzo(a,h)anthracene	28.32	278	1709071	39.102	ng		99
92) Benzo(g,h,i)perylene	29.36	276	1651003	38.028	ng		98

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

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