Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112519\
Data File : BG043769.D
Acq On : 25 Nov 2019 14:48
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/26/2019 12:48:46 PM

Quant Time: Nov 26 00:32:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	52570	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	283905	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	247900	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	707373	20.00	ng		0.00
76) Chrysene-d12	21.66	240	776507	20.00	ng		0.00
87) Perylene-d12	24.84	264	683135	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	239758	81.99	ng		0.00
7) Phenol-d6	7.18	99	417036	98.11	ng		0.00
23) Nitrobenzene-d5	9.18	82	430247	83.32	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	255148	85.33	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1158554	76.82	ng		-0.01
79) Terphenyl-d14	20.01	244	2556065	74.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	45429	35.038	ng		96
3) Pyridine	3.91	79	178712	48.952	ng		96
4) n-Nitrosodimethylamine	3.82	42	72144	39.781	ng		91
6) Aniline	7.35	93	270058	48.752	ng		98
8) 2-Chlorophenol	7.59	128	150876	45.238	ng		95
9) Benzaldehyde	7.16	77	126504	49.822	ng		99
10) Phenol	7.21	94	215461	49.375	ng		95
11) bis(2-Chloroethyl)ether	7.44	93	161554	44.360	ng		96
12) 1,3-Dichlorobenzene	7.92	146	162146	41.300	ng		99
13) 1,4-Dichlorobenzene	8.06	146	164954	41.481	ng		98
14) 1,2-Dichlorobenzene	8.38	146	165874	44.084	ng		99
15) Benzyl Alcohol	8.25	79	173917	48.984	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	268242	42.828	ng		99
17) 2-Methylphenol	8.46	107	152394	48.846	ng		97
18) Hexachloroethane	9.12	117	57253	38.139	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	168235	50.328	ng		90
20) 3+4-Methylphenols	8.78	107	225812	51.880	ng		97
22) Acetophenone	8.84	105	295498	39.270	ng	#	97
24) Nitrobenzene	9.22	77	210869	39.730	ng		96
25) Isophorone	9.74	82	467689	42.241	ng		97
26) 2-Nitrophenol	9.93	139	85470	44.634	ng		98
27) 2,4-Dimethylphenol	9.99	122	156918	41.733	ng		93
28) bis(2-Chloroethoxy)methane	10.23	93	275286	40.341	ng		98
29) 2,4-Dichlorophenol	10.47	162	203682	44.559	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	205269	38.321	ng		97
31) Naphthalene	10.88	128	580342	41.207	ng		99
32) Benzoic acid	10.11	122	157917	58.239	ng		98
33) 4-Chloroaniline	10.97	127	313306	46.175	ng		99
34) Hexachlorobutadiene	11.18	225	121082	34.375	ng		97
35) Caprolactam	11.73	113	103606	55.741	ng		96
36) 4-Chloro-3-methylphenol	12.10	107	252817	49.215	ng		99
37) 2-Methylnaphthalene	12.48	142	481617	45.380	ng		97
38) 1-Methylnaphthalene	12.70	142	465521	46.217	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	276228	35.018	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	110516	25.932	ng		97
43) 2,4,6-Trichlorophenol	13.08	196	207273	40.857	ng		99
44) 2,4,5-Trichlorophenol	13.15	196	224563	42.549	ng		96
46) 1,1'-Biphenyl	13.49	154	664238	38.655	ng		99
47) 2-Chloronaphthalene	13.53	162	545770	38.947	ng		98
48) 2-Nitroaniline	13.72	65	198475	48.379	ng		99
49) Acenaphthylene	14.37	152	904578	41.029	ng		97
50) Dimethylphthalate	14.10	163	817407	41.624	ng		99
51) 2,6-Dinitrotoluene	14.22	165	180353	49.455	ng		94
52) Acenaphthene	14.72	154	574863	40.772	ng		99
53) 3-Nitroaniline	14.54	138	223609	52.495	ng	#	95
54) 2,4-Dinitrophenol	14.74	184	66628	44.717	ng	#	68
55) Dibenzofuran	15.05	168	918778	41.829	ng		100
56) 4-Nitrophenol	14.84	139	194421	54.187	ng		93
57) 2,4-Dinitrotoluene	15.00	165	269835	53.353	ng		99
58) Fluorene	15.70	166	758455	42.106	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	234383m	44.215	ng		
60) Diethylphthalate	15.47	149	870458	43.085	ng		100
61) 4-Chlorophenyl-phenylether	15.69	204	406519	40.990	ng		99
62) 4-Nitroaniline	15.70	138	256559	52.526	ng		92
63) Azobenzene	15.98	77	774823	41.920	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	100347	40.546	ng		97
66) n-Nitrosodiphenylamine	15.90	169	732914	39.133	ng		97
67) 4-Bromophenyl-phenylether	16.59	248	278432	37.325	ng		98
68) Hexachlorobenzene	16.71	284	304887	37.386	ng		97
69) Atrazine	16.85	200	293193	39.061	ng		98
70) Pentachlorophenol	17.04	266	216409	43.489	ng		97
71) Phenanthrene	17.44	178	1410932	40.311	ng		96
72) Anthracene	17.53	178	1413551	39.979	ng		97
73) Carbazole	17.79	167	1433119	40.887	ng		98
74) Di-n-butylphthalate	18.37	149	1703573	37.997	ng		98
75) Fluoranthene	19.45	202	1912028	38.082	ng		95
77) Benzidine	19.62	184	897856	39.583	ng		97
78) Pyrene	19.80	202	1961016	39.131	ng		96
80) Butylbenzylphthalate	20.70	149	971635	42.560	ng		98
81) Benzo(a)anthracene	21.64	228	2000211	38.531	ng		96
82) 3,3'-Dichlorobenzidine	21.55	252	701850	36.053	ng		98
83) Chrysene	21.71	228	1908989	38.862	ng		95
84) Bis(2-ethylhexyl)phthalate	21.58	149	1266166	39.418	ng		96
85) Di-n-octyl phthalate	22.79	149	1824251	35.013	ng		98
86) Indeno(1,2,3-cd)pyrene	28.45	276	1883433	32.962	ng		98
88) Benzo(b)fluoranthene	23.83	252	1687696	41.378	ng		97
89) Benzo(k)fluoranthene	23.90	252	1577258	40.293	ng		98
90) Benzo(a)pyrene	24.69	252	1546702	40.328	ng		98
91) Dibenzo(a,h)anthracene	28.52	278	1525563	41.008	ng		98
92) Benzo(g,h,i)perylene	29.58	276	1509789	41.154	ng		97

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

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