Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062519\
Data File : BG041444.D
Acq On : 25 Jun 2019 15:11
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/26/2019 2:02:39 PM

Quant Time: Jun 26 04:25:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	31049	20.00	ng		-0.04
21) Naphthalene-d8	10.86	136	125208	20.00	ng		-0.05
39) Acenaphthene-d10	14.69	164	85481	20.00	ng		-0.03
64) Phenanthrene-d10	17.43	188	220134	20.00	ng		-0.03
76) Chrysene-d12	21.71	240	231318	20.00	ng		-0.03
87) Perylene-d12	24.99	264	254469	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	114805	67.94	ng		-0.05
7) Phenol-d6	7.20	99	165729	67.66	ng		-0.03
23) Nitrobenzene-d5	9.22	82	194964	65.49	ng		-0.04
42) 2,4,6-Tribromophenol	16.17	330	88521	67.45	ng		-0.03
45) 2-Fluorobiphenyl	13.31	172	443839	70.57	ng		-0.03
79) Terphenyl-d14	20.03	244	797326	68.31	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	26773	31.596	ng		97
3) Pyridine	3.83	79	74277	33.043	ng		97
4) n-Nitrosodimethylamine	3.76	42	39362	32.835	ng	#	86
6) Aniline	7.37	93	113125	33.227	ng		98
8) 2-Chlorophenol	7.60	128	67815	34.154	ng		96
9) Benzaldehyde	7.18	77	48468	30.937	ng		94
10) Phenol	7.22	94	87265	33.130	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	66192	33.120	ng		96
12) 1,3-Dichlorobenzene	7.92	146	86678	34.865	ng		95
13) 1,4-Dichlorobenzene	8.08	146	89570	35.270	ng		92
14) 1,2-Dichlorobenzene	8.39	146	83119	34.267	ng		92
15) Benzyl Alcohol	8.29	79	80448m	34.280	ng		
16) 2,2'-oxybis(1-Chloropropan	8.55	45	96082	29.368	ng		100
17) 2-Methylphenol	8.49	107	62742	33.318	ng		97
18) Hexachloroethane	9.12	117	33738	33.525	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	62951	31.776	ng		99
20) 3+4-Methylphenols	8.82	107	85260	34.011	ng		93
22) Acetophenone	8.88	105	120482	33.067	ng	#	96
24) Nitrobenzene	9.27	77	100439	33.544	ng		96
25) Isophorone	9.78	82	174775	31.998	ng		97
26) 2-Nitrophenol	9.98	139	41612	34.279	ng		92
27) 2,4-Dimethylphenol	10.03	122	59546	32.725	ng		90
28) bis(2-Chloroethoxy)methane	10.26	93	91599	32.186	ng		100
29) 2,4-Dichlorophenol	10.51	162	79288	35.143	ng		93
30) 1,2,4-Trichlorobenzene	10.72	180	97579	33.770	ng		99
31) Naphthalene	10.91	128	225267	33.104	ng		98
32) Benzoic acid	10.20	122	52576m	44.386	ng		
33) 4-Chloroaniline	11.03	127	96000	33.218	ng		94
34) Hexachlorobutadiene	11.17	225	78163	34.079	ng		98
35) Caprolactam	11.83	113	23998	30.897	ng		91
36) 4-Chloro-3-methylphenol	12.15	107	84751	32.521	ng		99
37) 2-Methylnaphthalene	12.51	142	163319	32.586	ng		97
38) 1-Methylnaphthalene	12.74	142	155397	32.407	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	125860	35.657	ng		99

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Quant Time: Jun 26 04:25:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	74220	31.216	ng		100
43) 2,4,6-Trichlorophenol	13.12	196	77130	35.323	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	77405	34.452	ng		99
46) 1,1'-Biphenyl	13.52	154	220323	34.094	ng		97
47) 2-Chloronaphthalene	13.56	162	192391	34.580	ng		100
48) 2-Nitroaniline	13.78	65	66217	32.497	ng		95
49) Acenaphthylene	14.41	152	286163	33.895	ng		99
50) Dimethylphthalate	14.13	163	254165	33.417	ng		99
51) 2,6-Dinitrotoluene	14.27	165	53788	33.540	ng		96
52) Acenaphthene	14.75	154	164045	33.089	ng		97
53) 3-Nitroaniline	14.60	138	51635	32.680	ng		99
54) 2,4-Dinitrophenol	14.82	184	36235	34.366	ng		87
55) Dibenzofuran	15.08	168	282599	32.785	ng		99
56) 4-Nitrophenol	14.92	139	36369	32.297	ng	#	83
57) 2,4-Dinitrotoluene	15.06	165	76281	32.539	ng	#	95
58) Fluorene	15.73	166	227115	33.495	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	78746	33.893	ng		98
60) Diethylphthalate	15.49	149	253068	32.736	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	145763	33.040	ng		98
62) 4-Nitroaniline	15.77	138	49846	29.496	ng		98
63) Azobenzene	16.01	77	218351	31.660	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	48668	34.061	ng		94
66) n-Nitrosodiphenylamine	15.93	169	202606	34.663	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	97931	34.405	ng		94
68) Hexachlorobenzene	16.73	284	105000	34.449	ng		94
69) Atrazine	16.88	200	75881	32.226	ng		97
70) Pentachlorophenol	17.08	266	57314	36.722	ng		98
71) Phenanthrene	17.48	178	390045	33.222	ng		99
72) Anthracene	17.57	178	394335	34.069	ng		98
73) Carbazole	17.84	167	325107	32.109	ng		99
74) Di-n-butylphthalate	18.37	149	418675	33.139	ng		98
75) Fluoranthene	19.48	202	496614	31.839	ng		98
77) Benzidine	19.67	184	166014	29.672	ng		100
78) Pyrene	19.84	202	507897	32.557	ng		99
80) Butylbenzylphthalate	20.71	149	196171	33.245	ng		97
81) Benzo(a)anthracene	21.68	228	524936	33.516	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	184259	33.513	ng		100
83) Chrysene	21.75	228	508425	33.755	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	271552	33.769	ng		99
85) Di-n-octyl phthalate	22.77	149	467136	34.335	ng		100
86) Indeno(1,2,3-cd)pyrene	28.78	276	618493	34.610	ng	#	98
88) Benzo(b)fluoranthene	23.94	252	519558	32.945	ng		99
89) Benzo(k)fluoranthene	24.01	252	511761	32.758	ng		98
90) Benzo(a)pyrene	24.84	252	495533	33.271	ng		99
91) Dibenzo(a,h)anthracene	28.83	278	506442	33.775	ng	#	94
92) Benzo(g,h,i)perylene	29.96	276	500355	33.766	ng		97

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

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