Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
Data File : BG041188.D
Acq On : 11 Jun 2019 14:11
Operator : HP/JU
Sample : IDOC-BS-W01-RC
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W01-RC

Manual Integrations APPROVED
mohammad
6/14/2019 8:38:27 AM

Quant Time: Jun 12 02:26:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	35029	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	139736	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	107352	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	269510	20.00	ng		0.00
76) Chrysene-d12	21.76	240	262750	20.00	ng		0.00
87) Perylene-d12	25.09	264	273302	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	269466	138.71	ng		0.00
7) Phenol-d6	7.26	99	390005	130.00	ng		0.01
23) Nitrobenzene-d5	9.29	82	269675	85.67	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	216785	136.02	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	651592	87.41	ng		0.00
79) Terphenyl-d14	20.07	244	1152412	93.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	35174	39.902	ng		91
3) Pyridine	3.91	79	91860	35.217	ng		96
4) n-Nitrosodimethylamine	3.83	42	50821	41.981	ng	#	95
6) Aniline	7.43	93	98334	24.556	ng		99
8) 2-Chlorophenol	7.66	128	109206	47.154	ng		97
9) Benzaldehyde	7.24	77	29368	16.410	ng		86
10) Phenol	7.28	94	148487	46.161	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	94887	40.661	ng		99
12) 1,3-Dichlorobenzene	7.99	146	115095	41.610	ng		97
13) 1,4-Dichlorobenzene	8.14	146	119370	42.634	ng		99
14) 1,2-Dichlorobenzene	8.46	146	112559	41.404	ng		99
15) Benzyl Alcohol	8.35	79	118973	42.870	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.63	45	147565	38.698	ng		96
17) 2-Methylphenol	8.54	107	105230	45.181	ng		95
18) Hexachloroethane	9.19	117	44931	41.637	ng		94
19) n-Nitroso-di-n-propylamine	8.91	70	90630	39.255	ng		99
20) 3+4-Methylphenols	8.87	107	142362	44.127	ng		96
22) Acetophenone	8.93	105	177969	45.402	ng		96
24) Nitrobenzene	9.33	77	150273	46.847	ng		100
25) Isophorone	9.84	82	260571	43.499	ng		99
26) 2-Nitrophenol	10.04	139	66985	50.654	ng		87
27) 2,4-Dimethylphenol	10.08	122	112813	51.654	ng		92
28) bis(2-Chloroethoxy)methane	10.32	93	139083	43.019	ng		98
29) 2,4-Dichlorophenol	10.57	162	131850	47.541	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	144082	45.668	ng		94
31) Naphthalene	10.98	128	352155	46.938	ng		98
32) Benzoic acid	10.23	122	67539	41.164	ng		97
33) 4-Chloroaniline	11.09	127	70460	20.241	ng		97
34) Hexachlorobutadiene	11.24	225	104107	43.125	ng		98
35) Caprolactam	11.88	113	39991m	43.665	ng		
36) 4-Chloro-3-methylphenol	12.19	107	147345	46.519	ng		96
37) 2-Methylnaphthalene	12.58	142	271237	46.940	ng		98
38) 1-Methylnaphthalene	12.79	142	257500	47.290	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	199517	46.111	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	219334	92.829	ng		97
43) 2,4,6-Trichlorophenol	13.18	196	128029	45.739	ng		99
44) 2,4,5-Trichlorophenol	13.25	196	137777	46.672	ng		98
46) 1,1'-Biphenyl	13.58	154	375226	47.220	ng		98
47) 2-Chloronaphthalene	13.62	162	309399	45.354	ng		98
48) 2-Nitroaniline	13.83	65	106381	43.468	ng		99
49) Acenaphthylene	14.46	152	479725	46.724	ng		99
50) Dimethylphthalate	14.19	163	402227	44.262	ng		99
51) 2,6-Dinitrotoluene	14.32	165	89649	45.755	ng		97
52) Acenaphthene	14.80	154	277356	44.592	ng		92
53) 3-Nitroaniline	14.65	138	62797	32.052	ng		95
54) 2,4-Dinitrophenol	14.86	184	87260	83.748	ng		93
55) Dibenzofuran	15.13	168	495351	47.330	ng		99
56) 4-Nitrophenol	14.95	139	125708	93.542	ng		93
57) 2,4-Dinitrotoluene	15.10	165	130110	47.010	ng		98
58) Fluorene	15.78	166	385661	46.271	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	141644	48.824	ng		99
60) Diethylphthalate	15.54	149	416992	44.964	ng		98
61) 4-Chlorophenyl-phenylether	15.77	204	244307	45.096	ng		99
62) 4-Nitroaniline	15.81	138	89323	43.064	ng		99
63) Azobenzene	16.06	77	380138	45.099	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	72011	49.529	ng		96
66) n-Nitrosodiphenylamine	15.98	169	351356	46.376	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	157760	43.375	ng		98
68) Hexachlorobenzene	16.78	284	166106	42.888	ng		99
69) Atrazine	16.92	200	147525	50.465	ng		98
70) Pentachlorophenol	17.12	266	187522	89.830	ng		99
71) Phenanthrene	17.52	178	648204	46.174	ng		99
72) Anthracene	17.62	178	665092	48.036	ng		99
73) Carbazole	17.89	167	567244	47.747	ng		98
74) Di-n-butylphthalate	18.42	149	672536	45.548	ng		100
75) Fluoranthene	19.53	202	840188	48.455	ng		99
77) Benzidine	19.71	184	249208	39.759	ng		99
78) Pyrene	19.89	202	840208	49.191	ng		99
80) Butylbenzylphthalate	20.76	149	310679	46.740	ng		97
81) Benzo(a)anthracene	21.74	228	800196	45.751	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	192275	31.255	ng		97
83) Chrysene	21.81	228	778738	46.527	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	431025	46.064	ng		98
85) Di-n-octyl phthalate	22.85	149	734046	47.103	ng		99
86) Indeno(1,2,3-cd)pyrene	28.91	276	765097	37.316	ng	#	96
88) Benzo(b)fluoranthene	24.02	252	797378	48.102	ng		98
89) Benzo(k)fluoranthene	24.09	252	792897	48.336	ng		99
90) Benzo(a)pyrene	24.93	252	768287	48.579	ng		95
91) Dibenzo(a,h)anthracene	28.98	278	619062	39.174	ng		99
92) Benzo(g,h,i)perylene	30.11	276	584652	38.081	ng	#	96

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

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