Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040919\
Data File : BG040395.D
Acq On : 9 Apr 2019 12:23
Operator : JU/SJ
Sample : PB118710BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118710BS

Manual Integrations APPROVED
Sohil
4/10/2019 11:22:50 AM

Quant Time: Apr 10 03:38:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	67669	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	278526	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	176609	20.00	ng		-0.03
64) Phenanthrene-d10	17.43	188	434721	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	478985	20.00	ng		-0.03
87) Perylene-d12	24.98	264	475358	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	567413	139.40	ng		-0.01
7) Phenol-d6	7.21	99	750496	133.41	ng		-0.01
23) Nitrobenzene-d5	9.22	82	458238	87.45	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	267326	140.06	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	978527	82.10	ng		-0.02
79) Terphenyl-d14	20.03	244	1645592	77.29	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	65791	34.373	ng		99
3) Pyridine	3.90	79	155284	30.132	ng		96
4) n-Nitrosodimethylamine	3.82	42	92047	38.613	ng	#	84
6) Aniline	7.37	93	220493	30.168	ng		99
8) 2-Chlorophenol	7.61	128	195890	41.111	ng		97
9) Benzaldehyde	7.19	77	91107	23.610	ng		97
10) Phenol	7.23	94	258197	42.285	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	192085	39.277	ng		99
12) 1,3-Dichlorobenzene	7.93	146	195574	37.757	ng		96
13) 1,4-Dichlorobenzene	8.08	146	201176	38.995	ng		100
14) 1,2-Dichlorobenzene	8.40	146	194320	39.388	ng		100
15) Benzyl Alcohol	8.29	79	175274	38.688	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	353259	37.637	ng		98
17) 2-Methylphenol	8.49	107	172421	40.807	ng		99
18) Hexachloroethane	9.12	117	74040	37.730	ng		95
19) n-Nitroso-di-n-propylamine	8.85	70	142770	35.397	ng		96
20) 3+4-Methylphenols	8.81	107	237582	41.507	ng		97
22) Acetophenone	8.88	105	285652	41.114	ng	#	98
24) Nitrobenzene	9.27	77	218656	40.296	ng		98
25) Isophorone	9.78	82	415105	38.501	ng		98
26) 2-Nitrophenol	9.98	139	104260	40.550	ng		97
27) 2,4-Dimethylphenol	10.02	122	192615	47.162	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	246968	38.717	ng		99
29) 2,4-Dichlorophenol	10.51	162	191736	43.252	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	197709	40.617	ng		98
31) Naphthalene	10.92	128	585345	41.001	ng		99
32) Benzoic acid	10.17	122	76937	31.179	ng		94
33) 4-Chloroaniline	11.03	127	170860	28.057	ng		98
34) Hexachlorobutadiene	11.17	225	122155	39.239	ng		94
35) Caprolactam	11.82	113	69674m	39.605	ng		
36) 4-Chloro-3-methylphenol	12.14	107	216935	42.567	ng		97
37) 2-Methylnaphthalene	12.51	142	433022	41.011	ng		99
38) 1-Methylnaphthalene	12.73	142	408791	39.926	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	216162	38.509	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	251701	81.666	ng		95
43) 2,4,6-Trichlorophenol	13.11	196	154143	42.592	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	164779	41.773	ng		98
46) 1,1'-Biphenyl	13.51	154	541524	38.807	ng		98
47) 2-Chloronaphthalene	13.56	162	424757	39.682	ng		99
48) 2-Nitroaniline	13.77	65	144006	39.885	ng		96
49) Acenaphthylene	14.41	152	701631	38.661	ng		99
50) Dimethylphthalate	14.13	163	547681	39.624	ng		99
51) 2,6-Dinitrotoluene	14.27	165	125160	40.328	ng		95
52) Acenaphthene	14.75	154	405708	39.013	ng		97
53) 3-Nitroaniline	14.60	138	104789	31.897	ng		98
54) 2,4-Dinitrophenol	14.81	184	139927	84.776	ng		91
55) Dibenzofuran	15.08	168	672367	40.237	ng		99
56) 4-Nitrophenol	14.90	139	227454	85.785	ng		99
57) 2,4-Dinitrotoluene	15.05	165	182259	42.264	ng		99
58) Fluorene	15.73	166	520741	39.637	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	153277	42.820	ng		97
60) Diethylphthalate	15.48	149	573026	40.514	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	280400	39.929	ng		99
62) 4-Nitroaniline	15.76	138	148368	42.083	ng		99
63) Azobenzene	16.00	77	531273	39.821	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	101829	41.693	ng		97
66) n-Nitrosodiphenylamine	15.93	169	503012	39.541	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	186501	38.123	ng		98
68) Hexachlorobenzene	16.72	284	191733	38.980	ng		96
69) Atrazine	16.87	200	185545	39.209	ng		99
70) Pentachlorophenol	17.07	266	228994	80.525	ng		99
71) Phenanthrene	17.47	178	928048	40.615	ng		100
72) Anthracene	17.56	178	941697	41.175	ng		99
73) Carbazole	17.83	167	931030	43.015	ng		99
74) Di-n-butylphthalate	18.37	149	1051316	40.977	ng		100
75) Fluoranthene	19.47	202	1171090	43.282	ng		99
77) Benzidine	19.66	184	477504	27.607	ng		98
78) Pyrene	19.84	202	1174210	37.278	ng		98
80) Butylbenzylphthalate	20.70	149	535553	39.733	ng		95
81) Benzo(a)anthracene	21.68	228	1121262	38.005	ng		97
82) 3,3'-Dichlorobenzidine	21.60	252	340757	30.362	ng		98
83) Chrysene	21.75	228	1109207	39.120	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	758348	39.359	ng		99
85) Di-n-octyl phthalate	22.77	149	1318075	40.152	ng		99
86) Indeno(1,2,3-cd)pyrene	28.75	276	1418803	40.913	ng	#	92
88) Benzo(b)fluoranthene	23.93	252	1243944	42.742	ng		98
89) Benzo(k)fluoranthene	24.01	252	1184408	44.254	ng		98
90) Benzo(a)pyrene	24.83	252	1216253	44.541	ng		97
91) Dibenzo(a,h)anthracene	28.81	278	1144950	45.146	ng		97
92) Benzo(g,h,i)perylene	29.94	276	1168096	44.817	ng		98

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

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