Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012219\
Data File : BG039251.D
Acq On : 22 Jan 2019 15:08
Operator : JU/SJ
Sample : PB116551BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116551BS

Manual Integrations APPROVED
Sohil
1/23/2019 10:42:44 AM

Quant Time: Jan 22 17:01:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	15936	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	73711	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	48261	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	132504	20.00	ng		0.00
76) Chrysene-d12	21.67	240	139879	20.00	ng		0.00
87) Perylene-d12	24.93	264	141214	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	134162	159.70	ng		0.00
7) Phenol-d6	7.17	99	182193	150.70	ng		0.00
23) Nitrobenzene-d5	9.18	82	96860	71.90	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	105345	130.22	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	278396	78.95	ng		0.00
79) Terphenyl-d14	20.00	244	568281	75.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	18800	57.147	ng		89
3) Pyridine	3.84	79	28951	32.387	ng		97
4) n-Nitrosodimethylamine	3.76	42	19693	48.958	ng		99
6) Aniline	7.33	93	48305	33.269	ng		99
8) 2-Chlorophenol	7.57	128	45765	46.215	ng		99
9) Benzaldehyde	7.15	77	12643	18.134	ng		92
10) Phenol	7.20	94	60853	50.205	ng		95
11) bis(2-Chloroethyl)ether	7.43	93	36771	39.693	ng		98
12) 1,3-Dichlorobenzene	7.89	146	47198	39.780	ng		98
13) 1,4-Dichlorobenzene	8.04	146	47836	39.810	ng		99
14) 1,2-Dichlorobenzene	8.35	146	45804	39.979	ng		94
15) Benzyl Alcohol	8.25	79	41812	45.925	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	77085	43.395	ng		98
17) 2-Methylphenol	8.45	107	39475	46.902	ng		96
18) Hexachloroethane	9.08	117	16209	39.706	ng		93
19) n-Nitroso-di-n-propylamine	8.81	70	31052	39.113	ng		93
20) 3+4-Methylphenols	8.78	107	54182	45.153	ng		97
22) Acetophenone	8.84	105	64401	33.456	ng	#	98
24) Nitrobenzene	9.22	77	48004	35.256	ng		98
25) Isophorone	9.74	82	96874	41.749	ng		99
26) 2-Nitrophenol	9.94	139	29129	39.552	ng		99
27) 2,4-Dimethylphenol	9.99	122	50468	48.709	ng		93
28) bis(2-Chloroethoxy)methane	10.22	93	55788	40.004	ng		99
29) 2,4-Dichlorophenol	10.47	162	70276	54.596	ng		98
30) 1,2,4-Trichlorobenzene	10.68	180	65129	42.111	ng		96
31) Naphthalene	10.88	128	155394	42.033	ng		99
32) Benzoic acid	10.16	122	14302	27.474	ng		93
33) 4-Chloroaniline	10.99	127	37374	22.593	ng		98
34) Hexachlorobutadiene	11.13	225	38514	36.191	ng		96
35) Caprolactam	11.79	113	18996m	36.802	ng		
36) 4-Chloro-3-methylphenol	12.11	107	59583	43.278	ng		92
37) 2-Methylnaphthalene	12.47	142	110919	40.018	ng		99
38) 1-Methylnaphthalene	12.70	142	105204m	39.544	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	70140	38.698	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	72336	71.517	ng		97
43) 2,4,6-Trichlorophenol	13.08	196	48433	42.458	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	52453	43.506	ng		98
46) 1,1'-Biphenyl	13.48	154	146279	38.252	ng		97
47) 2-Chloronaphthalene	13.53	162	117301	37.905	ng		99
48) 2-Nitroaniline	13.75	65	35494	40.941	ng		94
49) Acenaphthylene	14.38	152	195833	42.103	ng		99
50) Dimethylphthalate	14.10	163	161225	39.533	ng		100
51) 2,6-Dinitrotoluene	14.24	165	36273	39.782	ng		97
52) Acenaphthene	14.71	154	110986	39.714	ng		98
53) 3-Nitroaniline	14.57	138	26181	28.305	ng		96
54) 2,4-Dinitrophenol	14.78	184	24843	47.890	ng		92
55) Dibenzofuran	15.05	168	194985	39.505	ng		99
56) 4-Nitrophenol	14.88	139	52393	78.723	ng		100
57) 2,4-Dinitrotoluene	15.02	165	51888	39.666	ng	#	94
58) Fluorene	15.70	166	158887	42.767	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	48670	42.764	ng		98
60) Diethylphthalate	15.46	149	165926	39.488	ng		100
61) 4-Chlorophenyl-phenylether	15.68	204	90332	38.594	ng		98
62) 4-Nitroaniline	15.74	138	38492	39.947	ng		99
63) Azobenzene	15.98	77	133815	40.723	ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	27588	28.103	ng		98
66) n-Nitrosodiphenylamine	15.90	169	150850	38.403	ng		97
67) 4-Bromophenyl-phenylether	16.58	248	61181	35.920	ng		99
68) Hexachlorobenzene	16.70	284	65606	35.299	ng		95
69) Atrazine	16.84	200	61097	36.613	ng		98
70) Pentachlorophenol	17.05	266	56087	51.101	ng		94
71) Phenanthrene	17.44	178	298425	42.609	ng		100
72) Anthracene	17.53	178	301229	43.500	ng		99
73) Carbazole	17.81	167	251594	36.804	ng		99
74) Di-n-butylphthalate	18.34	149	307230	40.399	ng		100
75) Fluoranthene	19.45	202	349469	40.250	ng		98
77) Benzidine	19.64	184	107505	25.128	ng		98
78) Pyrene	19.81	202	354067	39.719	ng		99
80) Butylbenzylphthalate	20.68	149	126419	37.287	ng		99
81) Benzo(a)anthracene	21.65	228	373130	43.820	ng		100
82) 3,3'-Dichlorobenzidine	21.57	252	89881	25.906	ng		99
83) Chrysene	21.72	228	334003	41.242	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	187437	39.815	ng		94
85) Di-n-octyl phthalate	22.73	149	320739	40.292	ng		99
86) Indeno(1,2,3-cd)pyrene	28.66	276	409900	42.358	ng		100
88) Benzo(b)fluoranthene	23.88	252	373544	47.973	ng		100
89) Benzo(k)fluoranthene	23.96	252	339199	44.059	ng		98
90) Benzo(a)pyrene	24.78	252	361923	48.088	ng		98
91) Dibenzo(a,h)anthracene	28.73	278	338305	45.191	ng		98
92) Benzo(g,h,i)perylene	29.85	276	331760	44.765	ng		98

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

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