Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012219\
Data File : BG039249.D
Acq On : 22 Jan 2019 12:21
Operator : JU/SJ
Sample : PB116524BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116524BS

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

Quant Time: Jan 22 13:00:38 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	13607	20.00	ng		-0.02
21) Naphthalene-d8	10.82	136	65915	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	41482	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	115097	20.00	ng		0.00
76) Chrysene-d12	21.67	240	112295	20.00	ng		-0.02
87) Perylene-d12	24.92	264	117046	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	88721	123.69	ng		0.00
7) Phenol-d6	7.17	99	128145	124.14	ng		0.00
23) Nitrobenzene-d5	9.18	82	71943	59.72	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	70835	101.87	ng		-0.02
45) 2-Fluorobiphenyl	13.26	172	215849	71.21	ng		0.00
79) Terphenyl-d14	20.00	244	409742	67.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	7511	26.740	ng		96
3) Pyridine	3.84	79	22059	28.901	ng		98
4) n-Nitrosodimethylamine	3.76	42	13362	38.904	ng		85
6) Aniline	7.33	93	23057	18.598	ng		98
8) 2-Chlorophenol	7.57	128	30772	36.393	ng		91
9) Benzaldehyde	7.15	77	12259	20.592	ng		92
10) Phenol	7.19	94	41229	39.837	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	25487	32.221	ng		96
12) 1,3-Dichlorobenzene	7.89	146	31710	31.301	ng		95
13) 1,4-Dichlorobenzene	8.04	146	32231	31.414	ng		97
14) 1,2-Dichlorobenzene	8.36	146	31898	32.607	ng		93
15) Benzyl Alcohol	8.25	79	28195	36.269	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	49987	32.957	ng		99
17) 2-Methylphenol	8.45	107	27375	38.093	ng		98
18) Hexachloroethane	9.08	117	12035	34.527	ng		92
19) n-Nitroso-di-n-propylamine	8.80	70	21237	31.329	ng	#	98
20) 3+4-Methylphenols	8.78	107	37712	36.807	ng		99
22) Acetophenone	8.83	105	43643	25.354	ng		97
24) Nitrobenzene	9.23	77	33273	27.327	ng		98
25) Isophorone	9.73	82	71554	34.484	ng		97
26) 2-Nitrophenol	9.94	139	20005	30.376	ng		99
27) 2,4-Dimethylphenol	9.99	122	42667	46.050	ng		93
28) bis(2-Chloroethoxy)methane	10.22	93	42500	34.080	ng		99
29) 2,4-Dichlorophenol	10.47	162	41670	36.201	ng		96
30) 1,2,4-Trichlorobenzene	10.68	180	40406	29.215	ng		94
31) Naphthalene	10.87	128	106421	32.191	ng		99
32) Benzoic acid	10.15	122	10907	24.820	ng		96
33) 4-Chloroaniline	11.00	127	22654	15.314	ng		99
34) Hexachlorobutadiene	11.13	225	27370	28.761	ng		96
35) Caprolactam	11.77	113	16102m	34.885	ng		
36) 4-Chloro-3-methylphenol	12.11	107	49094	39.877	ng		93
37) 2-Methylnaphthalene	12.48	142	85703	34.577	ng		100
38) 1-Methylnaphthalene	12.69	142	79599m	33.458	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	53135	34.107	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	57496	66.566	ng		98
43) 2,4,6-Trichlorophenol	13.08	196	36769	37.500	ng		99
44) 2,4,5-Trichlorophenol	13.16	196	39315	37.938	ng		97
46) 1,1'-Biphenyl	13.48	154	102500	31.184	ng		98
47) 2-Chloronaphthalene	13.53	162	82881	31.160	ng		99
48) 2-Nitroaniline	13.75	65	24815	33.301	ng		97
49) Acenaphthylene	14.37	152	137004	34.268	ng		98
50) Dimethylphthalate	14.10	163	114689	32.718	ng		99
51) 2,6-Dinitrotoluene	14.23	165	26367	33.643	ng		98
52) Acenaphthene	14.71	154	77229	32.151	ng		94
53) 3-Nitroaniline	14.57	138	16002	20.127	ng	#	86
54) 2,4-Dinitrophenol	14.78	184	23552	52.266	ng		98
55) Dibenzofuran	15.04	168	140880	33.208	ng		98
56) 4-Nitrophenol	14.88	139	37454	65.474	ng		99
57) 2,4-Dinitrotoluene	15.02	165	36677	32.620	ng		97
58) Fluorene	15.69	166	112316	35.172	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	37063	37.888	ng		97
60) Diethylphthalate	15.45	149	117301	32.478	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	64967	32.293	ng		99
62) 4-Nitroaniline	15.73	138	24614	29.719	ng		99
63) Azobenzene	15.97	77	91515	32.402	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	22853	26.801	ng		96
66) n-Nitrosodiphenylamine	15.90	169	99731	29.229	ng		94
67) 4-Bromophenyl-phenylether	16.58	248	43478	29.387	ng		96
68) Hexachlorobenzene	16.69	284	45887	28.423	ng		99
69) Atrazine	16.84	200	42229	29.134	ng		97
70) Pentachlorophenol	17.05	266	80559	80.707	ng		96
71) Phenanthrene	17.44	178	201380	33.102	ng		99
72) Anthracene	17.53	178	203130	33.770	ng		99
73) Carbazole	17.81	167	173731	29.257	ng		98
74) Di-n-butylphthalate	18.33	149	207891	31.471	ng		98
75) Fluoranthene	19.45	202	247913	32.872	ng		99
77) Benzidine	19.63	184	49717	14.475	ng		99
78) Pyrene	19.81	202	257388	35.966	ng		98
80) Butylbenzylphthalate	20.68	149	91540	33.632	ng		97
81) Benzo(a)anthracene	21.65	228	242316	35.447	ng		98
82) 3,3'-Dichlorobenzidine	21.57	252	52104	18.707	ng		95
83) Chrysene	21.71	228	223892	34.436	ng		99
84) Bis(2-ethylhexyl)phthalate	21.51	149	130090	34.422	ng		96
85) Di-n-octyl phthalate	22.72	149	218950	34.262	ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	297294	38.268	ng	#	95
88) Benzo(b)fluoranthene	23.88	252	252340	39.099	ng		100
89) Benzo(k)fluoranthene	23.95	252	235072	36.839	ng		99
90) Benzo(a)pyrene	24.77	252	232033	37.196	ng		99
91) Dibenzo(a,h)anthracene	28.72	278	249848	40.266	ng		97
92) Benzo(g,h,i)perylene	29.82	276	246103	40.063	ng		96

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

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