Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040428.D
Acq On : 10 Apr 2019 23:43
Operator : JU/SJ
Sample : PB118770BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118770BSD

Quant Time: Apr 11 01:44:13 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	54058	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	228101	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	150899	20.00	ng		-0.02
64) Phenanthrene-d10	17.42	188	388147	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	395337	20.00	ng		-0.03
87) Perylene-d12	24.97	264	395314	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	448601	137.96	ng		-0.02
7) Phenol-d6	7.21	99	606642	134.99	ng		-0.02
23) Nitrobenzene-d5	9.22	82	326481	76.08	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	241911	148.34	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	750529	73.70	ng		-0.02
79) Terphenyl-d14	20.02	244	1305228	74.27	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	86489	56.564	ng		98
3) Pyridine	3.89	79	151206	36.729	ng		97
4) n-Nitrosodimethylamine	3.82	42	75055	39.413	ng	#	91
6) Aniline	7.38	93	177474	30.396	ng		95
8) 2-Chlorophenol	7.61	128	160214	42.089	ng		97
9) Benzaldehyde	7.19	77	64402	20.892	ng		97
10) Phenol	7.24	94	214112	43.894	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	153729	39.348	ng		98
12) 1,3-Dichlorobenzene	7.93	146	167506	40.481	ng		95
13) 1,4-Dichlorobenzene	8.08	146	170536	41.379	ng		97
14) 1,2-Dichlorobenzene	8.40	146	161762	41.044	ng		99
15) Benzyl Alcohol	8.29	79	148282	40.971	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.56	45	298075	39.753	ng		98
17) 2-Methylphenol	8.49	107	147584	43.724	ng		97
18) Hexachloroethane	9.12	117	61534	39.252	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	125577	38.974	ng		97
20) 3+4-Methylphenols	8.82	107	205363	44.911	ng		99
22) Acetophenone	8.88	105	243513	42.797	ng	#	98
24) Nitrobenzene	9.26	77	185879	41.828	ng		94
25) Isophorone	9.77	82	363638	41.183	ng		99
26) 2-Nitrophenol	9.97	139	89583	42.544	ng		97
27) 2,4-Dimethylphenol	10.02	122	171717	51.340	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	215178	41.191	ng		97
29) 2,4-Dichlorophenol	10.50	162	167795	46.219	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	168888	42.366	ng		97
31) Naphthalene	10.91	128	501804	42.919	ng		99
32) Benzoic acid	10.17	122	82350	40.750	ng		93
33) 4-Chloroaniline	11.03	127	131585	26.385	ng		97
34) Hexachlorobutadiene	11.17	225	102143	40.064	ng		98
35) Caprolactam	11.82	113	64039	44.449	ng		97
36) 4-Chloro-3-methylphenol	12.14	107	198582	47.580	ng		97
37) 2-Methylnaphthalene	12.51	142	384541	44.470	ng		98
38) 1-Methylnaphthalene	12.73	142	361110	43.066	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	194249	40.501	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	218707	83.051 ng		97
43) 2,4,6-Trichlorophenol	13.12	196	140741	45.515 ng		95
44) 2,4,5-Trichlorophenol	13.19	196	152776	45.329 ng		98
46) 1,1'-Biphenyl	13.51	154	493597	41.399 ng		99
47) 2-Chloronaphthalene	13.56	162	378965	41.437 ng		100
48) 2-Nitroaniline	13.78	65	136488	44.244 ng		95
49) Acenaphthylene	14.40	152	640893	41.331 ng		99
50) Dimethylphthalate	14.13	163	500867	42.411 ng		100
51) 2,6-Dinitrotoluene	14.26	165	114740	43.269 ng		97
52) Acenaphthene	14.74	154	374173	42.111 ng		97
53) 3-Nitroaniline	14.60	138	87958	31.336 ng	#	87
54) 2,4-Dinitrophenol	14.80	184	126149	89.451 ng		95
55) Dibenzofuran	15.07	168	624311	43.727 ng		99
56) 4-Nitrophenol	14.90	139	197750	87.289 ng		97
57) 2,4-Dinitrotoluene	15.04	165	168469	45.722 ng		96
58) Fluorene	15.73	166	490048	43.656 ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	153405	50.157 ng		98
60) Diethylphthalate	15.48	149	535434	44.306 ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	260785	43.463 ng		97
62) 4-Nitroaniline	15.76	138	134635	44.694 ng		99
63) Azobenzene	16.00	77	495186	43.440 ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	96521	44.262 ng		94
66) n-Nitrosodiphenylamine	15.93	169	466748	41.093 ng		97
67) 4-Bromophenyl-phenylether	16.61	248	175209	40.112 ng		96
68) Hexachlorobenzene	16.72	284	179413	40.852 ng		97
69) Atrazine	16.87	200	180079	42.620 ng		98
70) Pentachlorophenol	17.07	266	209623	82.558 ng		95
71) Phenanthrene	17.47	178	854122	41.865 ng		99
72) Anthracene	17.56	178	875240	42.861 ng		99
73) Carbazole	17.84	167	839352	43.432 ng		99
74) Di-n-butylphthalate	18.36	149	993630	43.375 ng		99
75) Fluoranthene	19.47	202	1065070	44.087 ng		99
77) Benzidine	19.66	184	391866	27.449 ng		97
78) Pyrene	19.83	202	1061085	40.814 ng		99
80) Butylbenzylphthalate	20.70	149	480592	43.200 ng		96
81) Benzo(a)anthracene	21.68	228	972243	39.927 ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	268729	29.011 ng		99
83) Chrysene	21.74	228	958952	40.977 ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	687335	43.222 ng		99
85) Di-n-octyl phthalate	22.76	149	1184086	43.703 ng		99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1183490	41.348 ng		99
88) Benzo(b)fluoranthene	23.92	252	1043261	43.105 ng		100
89) Benzo(k)fluoranthene	24.00	252	1016860	45.687 ng		99
90) Benzo(a)pyrene	24.82	252	1020291	44.930 ng		99
91) Dibenzo(a,h)anthracene	28.80	278	962977	45.659 ng		98
92) Benzo(g,h,i)perylene	29.92	276	981853	45.299 ng		98

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

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