Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041033.D
Acq On : 3 Jun 2019 14:21
Operator : HP/JU
Sample : PB120082BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120082BS

Quant Time: Jun 03 15:27:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	64219	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	250106	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	181873	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	466723	20.00	ng		0.00
76) Chrysene-d12	21.78	240	492549	20.00	ng		0.00
87) Perylene-d12	25.12	264	522184	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	479757	134.71	ng		0.00
7) Phenol-d6	7.27	99	673694	122.49	ng		0.00
23) Nitrobenzene-d5	9.30	82	402155	71.38	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	360973	133.69	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	927759	73.46	ng		0.00
79) Terphenyl-d14	20.09	244	1524256	65.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	48839	30.221	ng		89
3) Pyridine	3.92	79	134871	28.204	ng		95
4) n-Nitrosodimethylamine	3.85	42	75104	33.841	ng		86
6) Aniline	7.44	93	130671	17.799	ng		95
8) 2-Chlorophenol	7.68	128	136133	32.063	ng		95
9) Benzaldehyde	7.25	77	53002	16.154	ng		85
10) Phenol	7.30	94	182596	30.963	ng		96
11) bis(2-Chloroethyl)ether	7.54	93	125443	29.322	ng		97
12) 1,3-Dichlorobenzene	8.01	146	152018	29.978	ng		97
13) 1,4-Dichlorobenzene	8.15	146	153580	29.920	ng		96
14) 1,2-Dichlorobenzene	8.48	146	147230	29.541	ng		98
15) Benzyl Alcohol	8.36	79	153078	30.087	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.63	45	201144	28.773	ng		99
17) 2-Methylphenol	8.55	107	127198	29.789	ng		98
18) Hexachloroethane	9.20	117	60456	30.559	ng		98
19) n-Nitroso-di-n-propylamine	8.92	70	119327	28.192	ng		99
20) 3+4-Methylphenols	8.88	107	173889	29.400	ng		97
22) Acetophenone	8.95	105	226919	32.344	ng	#	97
24) Nitrobenzene	9.34	77	187000	32.571	ng		99
25) Isophorone	9.85	82	337574	31.485	ng		99
26) 2-Nitrophenol	10.05	139	82664	34.925	ng		97
27) 2,4-Dimethylphenol	10.09	122	142306	36.404	ng		93
28) bis(2-Chloroethoxy)methane	10.34	93	179102	30.951	ng		98
29) 2,4-Dichlorophenol	10.58	162	157628	31.754	ng		94
30) 1,2,4-Trichlorobenzene	10.80	180	175013	30.992	ng		96
31) Naphthalene	10.99	128	428683	31.924	ng		98
32) Benzoic acid	10.22	122	84368	31.185	ng		95
33) 4-Chloroaniline	11.10	127	95140	15.270	ng		97
34) Hexachlorobutadiene	11.26	225	131103	30.342	ng		96
35) Caprolactam	11.88	113	49640	30.282	ng		89
36) 4-Chloro-3-methylphenol	12.20	107	177028	31.226	ng		97
37) 2-Methylnaphthalene	12.58	142	326308	31.551	ng		97
38) 1-Methylnaphthalene	12.81	142	308375	31.641	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	236041	32.200	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	261709	67.814	ng		99
43) 2,4,6-Trichlorophenol	13.18	196	149309	31.485	ng		96
44) 2,4,5-Trichlorophenol	13.26	196	160574	32.107	ng		96
46) 1,1'-Biphenyl	13.59	154	432997	32.163	ng		99
47) 2-Chloronaphthalene	13.63	162	361103	31.244	ng		96
48) 2-Nitroaniline	13.84	65	131870	31.805	ng		99
49) Acenaphthylene	14.48	152	557120	32.028	ng		100
50) Dimethylphthalate	14.20	163	478121	31.056	ng		99
51) 2,6-Dinitrotoluene	14.33	165	106497	32.083	ng		99
52) Acenaphthene	14.82	154	330061	31.322	ng		93
53) 3-Nitroaniline	14.66	138	71744	21.614	ng		95
54) 2,4-Dinitrophenol	14.86	184	105727	66.327	ng		92
55) Dibenzofuran	15.14	168	574348	32.392	ng		100
56) 4-Nitrophenol	14.95	139	163783	71.937	ng		96
57) 2,4-Dinitrotoluene	15.11	165	153185	32.669	ng		98
58) Fluorene	15.80	166	452310	32.032	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	168566	34.296	ng		98
60) Diethylphthalate	15.55	149	485037	30.871	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	290155	31.613	ng		96
62) 4-Nitroaniline	15.83	138	107516	30.596	ng		96
63) Azobenzene	16.07	77	456602	31.975	ng		99
65) 4,6-Dinitro-2-methylphenol	15.87	198	84066	36.188	ng		99
66) n-Nitrosodiphenylamine	16.00	169	411721	31.381	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	188880	29.988	ng		99
68) Hexachlorobenzene	16.79	284	194395	28.984	ng		98
69) Atrazine	16.94	200	178296	35.219	ng		95
70) Pentachlorophenol	17.14	266	222424	62.868	ng		97
71) Phenanthrene	17.54	178	777202	31.969	ng		98
72) Anthracene	17.63	178	807016	33.658	ng		100
73) Carbazole	17.90	167	704006	34.219	ng		98
74) Di-n-butylphthalate	18.43	149	817663	31.977	ng		98
75) Fluoranthene	19.54	202	1042440	34.716	ng		99
77) Benzidine	19.72	184	311966	26.550	ng		96
78) Pyrene	19.90	202	1039680	32.471	ng		100
80) Butylbenzylphthalate	20.77	149	387852	31.127	ng		100
81) Benzo(a)anthracene	21.75	228	1012687	30.887	ng		100
82) 3,3'-Dichlorobenzidine	21.67	252	247398	21.453	ng		100
83) Chrysene	21.83	228	989053	31.523	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	538092	30.677	ng		97
85) Di-n-octyl phthalate	22.87	149	904300	30.955	ng		100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1165571	30.326	ng	#	99
88) Benzo(b)fluoranthene	24.05	252	1045420	33.007	ng		99
89) Benzo(k)fluoranthene	24.12	252	985852	31.455	ng		98
90) Benzo(a)pyrene	24.96	252	998115	33.031	ng		96
91) Dibenzo(a,h)anthracene	29.02	278	955932	31.660	ng		97
92) Benzo(g,h,i)perylene	30.16	276	944699	32.205	ng		98

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

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