Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
Data File : BG041087.D
Acq On : 6 Jun 2019 12:25
Operator : HP/JU
Sample : PB120371BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120371BS

Quant Time: Jun 06 23:15:45 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	8.11	152	41058	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	143209	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	100405	20.00	ng		-0.01
64) Phenanthrene-d10	17.49	188	248411	20.00	ng		-0.01
76) Chrysene-d12	21.77	240	277752	20.00	ng		-0.02
87) Perylene-d12	25.10	264	304045	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	294532	129.35	ng		0.00
7) Phenol-d6	7.26	99	396970	112.89	ng		0.00
23) Nitrobenzene-d5	9.29	82	269164	83.44	ng		-0.01
42) 2,4,6-Tribromophenol	16.23	330	189778	127.32	ng		-0.01
45) 2-Fluorobiphenyl	13.36	172	588779	84.45	ng		-0.02
79) Terphenyl-d14	20.08	244	1109630	84.79	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	43335	41.941	ng	#	90
3) Pyridine	3.92	79	118933	38.901	ng		95
4) n-Nitrosodimethylamine	3.84	42	66538	46.893	ng		90
6) Aniline	7.44	93	119610	25.483	ng		97
8) 2-Chlorophenol	7.67	128	116137	42.783	ng		96
9) Benzaldehyde	7.25	77	39980	19.059	ng		90
10) Phenol	7.29	94	158528	42.046	ng		95
11) bis(2-Chloroethyl)ether	7.53	93	108683	39.735	ng		98
12) 1,3-Dichlorobenzene	8.00	146	130094	40.126	ng		96
13) 1,4-Dichlorobenzene	8.15	146	133788	40.767	ng		96
14) 1,2-Dichlorobenzene	8.46	146	129106	40.518	ng		98
15) Benzyl Alcohol	8.35	79	131454	40.411	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	169190	37.854	ng		97
17) 2-Methylphenol	8.55	107	109125	39.974	ng		98
18) Hexachloroethane	9.19	117	52030	41.135	ng		99
19) n-Nitroso-di-n-propylamine	8.92	70	99941	36.931	ng		98
20) 3+4-Methylphenols	8.87	107	144774	38.285	ng		97
22) Acetophenone	8.94	105	192271	47.861	ng	#	97
24) Nitrobenzene	9.33	77	156950	47.742	ng		100
25) Isophorone	9.84	82	274810	44.764	ng		98
26) 2-Nitrophenol	10.04	139	66859	49.333	ng		94
27) 2,4-Dimethylphenol	10.09	122	116135	51.886	ng		93
28) bis(2-Chloroethoxy)methane	10.33	93	143809	43.402	ng		99
29) 2,4-Dichlorophenol	10.57	162	128205	45.105	ng		93
30) 1,2,4-Trichlorobenzene	10.79	180	147703	45.680	ng		96
31) Naphthalene	10.98	128	357516	46.497	ng		99
32) Benzoic acid	10.21	122	64391	38.861	ng		99
33) 4-Chloroaniline	11.10	127	83847	23.502	ng		95
34) Hexachlorobutadiene	11.25	225	109281	44.170	ng		94
35) Caprolactam	11.88	113	40410	43.053	ng	#	76
36) 4-Chloro-3-methylphenol	12.19	107	142560	43.917	ng		97
37) 2-Methylnaphthalene	12.58	142	257818	43.536	ng		98
38) 1-Methylnaphthalene	12.80	142	247294	44.314	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	190326	47.030	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	233398	104.481	ng		98
43) 2,4,6-Trichlorophenol	13.18	196	120755	46.126	ng		93
44) 2,4,5-Trichlorophenol	13.25	196	126909	45.965	ng		98
46) 1,1'-Biphenyl	13.58	154	340779	45.852	ng		99
47) 2-Chloronaphthalene	13.63	162	286761	44.944	ng		98
48) 2-Nitroaniline	13.83	65	99441	43.444	ng		98
49) Acenaphthylene	14.47	152	444551	46.293	ng		99
50) Dimethylphthalate	14.19	163	367587	43.249	ng		100
51) 2,6-Dinitrotoluene	14.32	165	81680	44.572	ng		96
52) Acenaphthene	14.81	154	256283	44.055	ng		98
53) 3-Nitroaniline	14.65	138	53871	29.398	ng		97
54) 2,4-Dinitrophenol	14.86	184	95061	93.017	ng		99
55) Dibenzofuran	15.14	168	445661	45.529	ng		99
56) 4-Nitrophenol	14.95	139	127277	101.262	ng		91
57) 2,4-Dinitrotoluene	15.10	165	116729	45.094	ng		99
58) Fluorene	15.79	166	349951	44.891	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	131578	48.493	ng		99
60) Diethylphthalate	15.54	149	370210	42.681	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	216911	42.809	ng		97
62) 4-Nitroaniline	15.82	138	83374	42.977	ng		94
63) Azobenzene	16.07	77	350505	44.460	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	70927	52.338	ng		98
66) n-Nitrosodiphenylamine	15.99	169	318108	45.554	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	142979	42.650	ng		99
68) Hexachlorobenzene	16.78	284	151416	42.416	ng		98
69) Atrazine	16.93	200	137932	51.191	ng		97
70) Pentachlorophenol	17.13	266	186988	96.834	ng		97
71) Phenanthrene	17.53	178	606451	46.869	ng		98
72) Anthracene	17.62	178	628104	49.218	ng		99
73) Carbazole	17.89	167	550063	50.234	ng		98
74) Di-n-butylphthalate	18.42	149	630460	46.325	ng		99
75) Fluoranthene	19.53	202	828501	51.839	ng		99
77) Benzidine	19.72	184	300019	45.280	ng		98
78) Pyrene	19.90	202	822849	45.573	ng		100
80) Butylbenzylphthalate	20.76	149	312256	44.440	ng		98
81) Benzo(a)anthracene	21.75	228	837319	45.288	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	200128	30.775	ng		100
83) Chrysene	21.81	228	829830	46.901	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	442463	44.732	ng		99
85) Di-n-octyl phthalate	22.86	149	766815	46.548	ng		100
86) Indeno(1,2,3-cd)pyrene	28.93	276	1018721	47.003	ng	#	96
88) Benzo(b)fluoranthene	24.03	252	859859	46.627	ng		99
89) Benzo(k)fluoranthene	24.10	252	852322	46.705	ng		100
90) Benzo(a)pyrene	24.94	252	846941	48.137	ng		97
91) Dibenzo(a,h)anthracene	29.00	278	832384	47.347	ng		99
92) Benzo(g,h,i)perylene	30.14	276	843095	49.362	ng		99

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

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