Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030912.D
Acq On : 10 Nov 2017 18:38
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Nov 11 04:59:51 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	44606	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	211473	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	146231	20.00	ng		-0.01
63) Phenanthrene-d10	17.51	188	361822	20.00	ng		0.00
75) Chrysene-d12	21.78	240	393845	20.00	ng		0.00
86) Perylene-d12	25.10	264	405470	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	219005	84.19	ng		-0.01
7) Phenol-d6	7.31	99	302008	86.18	ng		0.00
23) Nitrobenzene-d5	9.31	82	292396	81.93	ng		-0.01
41) 2,4,6-Tribromophenol	16.26	330	191873	81.11	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	824488	81.02	ng		-0.01
78) Terphenyl-d14	20.10	244	1495324	83.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	43747	41.442	ng	#	84
3) Pyridine	3.96	79	130762	42.668	ng		91
4) n-Nitrosodimethylamine	3.88	42	62032	42.709	ng	#	93
6) Aniline	7.46	93	193895	42.041	ng		96
8) 2-Chlorophenol	7.71	128	121344	42.270	ng		89
9) Benzaldehyde	7.27	77	100657	41.044	ng		90
10) Phenol	7.33	94	154981	42.584	ng		91
11) bis(2-Chloroethyl)ether	7.55	93	123529	42.510	ng		91
12) 1,3-Dichlorobenzene	8.03	146	141603	42.043	ng		98
13) 1,4-Dichlorobenzene	8.18	146	142835	41.850	ng		94
14) 1,2-Dichlorobenzene	8.50	146	137967	42.116	ng		98
15) Benzyl Alcohol	8.38	79	119861	42.639	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.66	45	133477	41.585	ng		94
17) 2-Methylphenol	8.59	107	108104	42.655	ng		97
18) Hexachloroethane	9.23	117	49768	41.897	ng		94
19) n-Nitroso-di-n-propylamine	8.95	70	114668	43.034	ng	#	95
20) 3+4-Methylphenols	8.92	107	153245	42.524	ng		95
22) Acetophenone	8.96	105	216807	41.175	ng	#	95
24) Nitrobenzene	9.35	77	148399	40.707	ng		93
25) Isophorone	9.88	82	282941	40.652	ng	#	92
26) 2-Nitrophenol	10.07	139	78705	41.419	ng		89
27) 2,4-Dimethylphenol	10.12	122	116393	41.259	ng		91
28) bis(2-Chloroethoxy)methane	10.35	93	182305	41.588	ng		96
29) 2,4-Dichlorophenol	10.61	162	139708	41.242	ng		93
30) 1,2,4-Trichlorobenzene	10.82	180	166005	41.046	ng		97
31) Naphthalene	11.01	128	420582	40.457	ng		98
32) Benzoic acid	10.27	122	85686	37.829	ng		89
33) 4-Chloroaniline	11.11	127	189626	41.668	ng		96
34) Hexachlorobutadiene	11.29	225	114720	40.900	ng		98
35) Caprolactam	11.89	113	53119	38.385	ng	#	83
36) 4-Chloro-3-methylphenol	12.24	107	150129	40.719	ng	#	85
37) 2-Methylnaphthalene	12.61	142	326854	40.728	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	237351	40.896	ng		97
40) Hexachlorocyclopentadiene	12.95	237	71961	39.716	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	136699	41.201	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	148656	40.950	ng		95
45) 1,1'-Biphenyl	13.60	154	489180	40.342	ng		97
46) 2-Chloronaphthalene	13.65	162	355718	40.658	ng		94
47) 2-Nitroaniline	13.85	65	106676	41.137	ng	#	84
48) Acenaphthylene	14.49	152	580178	40.517	ng		99
49) Dimethylphthalate	14.21	163	504185	39.876	ng		100
50) 2,6-Dinitrotoluene	14.34	165	108442	41.612	ng	#	73
51) Acenaphthene	14.83	154	359278	40.174	ng		99
52) 3-Nitroaniline	14.67	138	111591	40.327	ng	#	80
53) 2,4-Dinitrophenol	14.89	184	51225	38.975	ng	#	47
54) Dibenzofuran	15.16	168	573305	40.247	ng		99
55) 4-Nitrophenol	14.99	139	78527	39.838	ng	#	86
56) 2,4-Dinitrotoluene	15.13	165	153229	40.671	ng	#	75
57) Fluorene	15.81	166	463330	40.064	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	146518	42.349	ng	#	86
59) Diethylphthalate	15.56	149	504184	39.257	ng		97
60) 4-Chlorophenyl-phenylether	15.79	204	283636	40.609	ng		93
61) 4-Nitroaniline	15.83	138	118372	40.398	ng		87
62) Azobenzene	16.09	77	394540	40.281	ng		96
64) 4,6-Dinitro-2-methylphenol	15.90	198	98625	41.008	ng	#	75
65) n-Nitrosodiphenylamine	16.01	169	451182	41.151	ng		99
66) 4-Bromophenyl-phenylether	16.69	248	190203	41.505	ng		95
67) Hexachlorobenzene	16.82	284	203399	41.772	ng	#	93
68) Atrazine	16.95	200	179038	39.578	ng		97
69) Pentachlorophenol	17.16	266	112340	41.737	ng		98
70) Phenanthrene	17.55	178	770799	40.915	ng		99
71) Anthracene	17.64	178	767040	40.634	ng		99
72) Carbazole	17.91	167	715313	40.442	ng		99
73) Di-n-butylphthalate	18.45	149	856473	39.438	ng		99
74) Fluoranthene	19.55	202	968585	40.607	ng		97
76) Benzidine	19.72	184	501587	39.648	ng		98
77) Pyrene	19.91	202	996010	42.618	ng		98
79) Butylbenzylphthalate	20.77	149	386993	41.530	ng		87
80) Benzo(a)anthracene	21.77	228	1001283	40.929	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	408209	41.337	ng		97
82) Chrysene	21.83	228	924547	40.855	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	538181	40.011	ng	#	99
84) Di-n-octyl phthalate	22.88	149	898334	41.033	ng		95
85) Indeno(1,2,3-cd)pyrene	28.90	276	1138128	41.369	ng		96
87) Benzo(b)fluoranthene	24.04	252	999831	40.765	ng		99
88) Benzo(k)fluoranthene	24.11	252	980432	40.329	ng		96
89) Benzo(a)pyrene	24.94	252	935428	40.147	ng		99
90) Dibenzo(a,h)anthracene	28.96	278	968178	40.653	ng		97
91) Benzo(g,h,i)perylene	30.09	276	931896	40.317	ng		96

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

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