Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
Data File : BG030556.D
Acq On : 29 Oct 2017 10:41
Operator : SJ/JU
Sample : I6153-01MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-102517MSD

Quant Time: Oct 30 06:58:59 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	70669	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	318411	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	203994	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	466918	20.00	ng		-0.01
75) Chrysene-d12	21.80	240	488109	20.00	ng		0.00
86) Perylene-d12	25.10	264	500143	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	659644	155.93	ng		0.01
7) Phenol-d6	7.34	99	806508	135.82	ng		0.01
23) Nitrobenzene-d5	9.34	82	573151	114.39	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	421406	160.00	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1467397	105.50	ng		0.00
78) Terphenyl-d14	20.11	244	2052681	95.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	80791	47.071	ng	#	51
3) Pyridine	3.99	79	191953	38.404	ng		91
4) n-Nitrosodimethylamine	3.90	42	155817	66.691	ng	#	87
6) Aniline	7.51	93	130933	17.807	ng		96
8) 2-Chlorophenol	7.74	128	240032	49.502	ng		91
9) Benzaldehyde	7.30	77	129136	43.238	ng		93
10) Phenol	7.37	94	306886	47.939	ng		92
11) bis(2-Chloroethyl)ether	7.58	93	235759	50.548	ng		91
12) 1,3-Dichlorobenzene	8.06	146	263159	48.341	ng		96
13) 1,4-Dichlorobenzene	8.21	146	276543	49.755	ng		93
14) 1,2-Dichlorobenzene	8.53	146	267672	49.930	ng		96
15) Benzyl Alcohol	8.42	79	244444	58.417	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.70	45	401853	50.734	ng		93
17) 2-Methylphenol	8.62	107	231443	54.425	ng		98
18) Hexachloroethane	9.26	117	103258	54.516	ng		97
19) n-Nitroso-di-n-propylamine	8.98	70	210122	52.044	ng	#	96
20) 3+4-Methylphenols	8.94	107	335347	55.967	ng		96
22) Acetophenone	9.00	105	393336	51.259	ng	#	94
24) Nitrobenzene	9.38	77	464192	82.395	ng	#	91
25) Isophorone	9.91	82	588371	56.248	ng	#	94
26) 2-Nitrophenol	10.09	139	159338	59.176	ng		90
27) 2,4-Dimethylphenol	10.15	122	240970	49.463	ng		93
28) bis(2-Chloroethoxy)methane	10.38	93	352428	54.946	ng		94
29) 2,4-Dichlorophenol	10.63	162	292589	56.321	ng		93
30) 1,2,4-Trichlorobenzene	10.84	180	303278	54.036	ng		100
31) Naphthalene	11.04	128	815400	51.383	ng		98
32) Benzoic acid	10.40	122	57636	14.130	ng	#	90
33) 4-Chloroaniline	11.15	127	27970	4.190	ng		99
34) Hexachlorobutadiene	11.31	225	193241	55.377	ng		94
35) Caprolactam	11.93	113	77692	44.999	ng	#	80
36) 4-Chloro-3-methylphenol	12.25	107	302892	53.011	ng		90
37) 2-Methylnaphthalene	12.63	142	627748	54.277	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	353075	47.406	ng		98
40) Hexachlorocyclopentadiene	12.97	237	420797	145.117	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	255580	54.665	ng		99
43) 2,4,5-Trichlorophenol	13.30	196	274654	57.201	ng		97
45) 1,1'-Biphenyl	13.62	154	854667	48.743	ng		95
46) 2-Chloronaphthalene	13.67	162	658452	51.484	ng		96
47) 2-Nitroaniline	13.86	65	86668	24.671	ng	#	84
48) Acenaphthylene	14.51	152	1009468	50.433	ng		97
49) Dimethylphthalate	14.23	163	877850	55.154	ng		99
50) 2,6-Dinitrotoluene	14.36	165	193229	57.913	ng	#	81
51) Acenaphthene	14.85	154	630886	48.443	ng		97
52) 3-Nitroaniline	14.68	138	56290	15.635	ng	#	84
53) 2,4-Dinitrophenol	14.89	184	8944	11.096	ng	#	51
54) Dibenzofuran	15.18	168	1006611	54.143	ng		99
55) 4-Nitrophenol	14.99	139	237373	79.972	ng	#	83
56) 2,4-Dinitrotoluene	15.14	165	271778	60.172	ng	#	79
57) Fluorene	15.83	166	790921	51.497	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	193738	48.362	ng		94
59) Diethylphthalate	15.59	149	844718	53.254	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	457235	55.838	ng		93
61) 4-Nitroaniline	15.83	138	38257	10.348	ng	#	62
62) Azobenzene	16.11	77	797749	59.641	ng		96
64) 4,6-Dinitro-2-methylphenol	15.90	198	17363	10.858	ng		80
65) n-Nitrosodiphenylamine	16.03	169	708734	50.671	ng		100
66) 4-Bromophenyl-phenylether	16.71	248	296889	55.413	ng		100
67) Hexachlorobenzene	16.83	284	316996	52.233	ng		96
68) Atrazine	16.97	200	285305	57.167	ng		99
69) Pentachlorophenol	17.17	266	55825	16.013	ng		92
70) Phenanthrene	17.57	178	1247709	51.727	ng		96
71) Anthracene	17.65	178	1259703	52.009	ng		97
72) Carbazole	17.92	167	1163108	49.990	ng		99
73) Di-n-butylphthalate	18.46	149	1368028	51.123	ng		99
74) Fluoranthene	19.56	202	1490775	52.840	ng		96
76) Benzidine	19.73	184	41622	2.824	ng		98
77) Pyrene	19.92	202	1537152	51.914	ng		94
79) Butylbenzylphthalate	20.79	149	661834	52.464	ng		89
80) Benzo(a)anthracene	21.78	228	1570240	54.792	ng		98
81) 3,3'-Dichlorobenzidine	21.68	252	25772	2.179	ng		99
82) Chrysene	21.84	228	1469098	53.529	ng		96
83) Bis(2-ethylhexyl)phthalate	21.66	149	930199	51.380	ng		99
84) Di-n-octyl phthalate	22.90	149	1588978	50.360	ng		97
85) Indeno(1,2,3-cd)pyrene	28.91	276	1913664	56.677	ng		98
87) Benzo(b)fluoranthene	24.05	252	1594772	55.696	ng		99
88) Benzo(k)fluoranthene	24.13	252	1558962	54.650	ng		98
89) Benzo(a)pyrene	24.95	252	1511525	54.911	ng		100
90) Dibenzo(a,h)anthracene	28.97	278	1599476	57.394	ng		97
91) Benzo(g,h,i)perylene	30.10	276	1582148	61.102	ng		99

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

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