Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
Data File : BG022232.D
Acq On : 8 Jun 2016 11:23
Operator : UM/SJ
Sample : H3425-07MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP16-LF2MW2MSD

Quant Time: Jun 08 17:06:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	24945	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	135224	20.00	ng		0.00
38) Acenaphthene-d10	14.74	164	89398	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	212170	20.00	ng		0.00
75) Chrysene-d12	21.77	240	194450	20.00	ng		0.00
86) Perylene-d12	25.06	264	183284	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	93172	72.22	ng		0.00
7) Phenol-d6	7.28	99	89472	44.11	ng		0.00
23) Nitrobenzene-d5	9.29	82	183446	94.58	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	142500	141.07	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	525700	89.62	ng		0.00
78) Terphenyl-d14	20.08	244	725991	88.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	9871	15.96	ng	#	73
3) Pyridine	3.93	79	5258	3.15	ng	#	88
4) n-Nitrosodimethylamine	3.84	42	6495	17.38	ng	#	88
6) Aniline	7.43	93	40522	15.72	ng	#	80
8) 2-Chlorophenol	7.68	128	74759	41.92	ng	#	78
9) Benzaldehyde	7.26	77	5583	5.00	ng		88
10) Phenol	7.30	94	33470	16.00	ng		85
11) bis(2-Chloroethyl)ether	7.53	93	78388	47.01	ng	#	71
12) 1,3-Dichlorobenzene	8.00	146	76818	40.19	ng	#	91
13) 1,4-Dichlorobenzene	8.15	146	78448	41.19	ng		95
14) 1,2-Dichlorobenzene	8.47	146	81225	42.31	ng		93
15) Benzyl Alcohol	8.36	79	37425	28.56	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	79924	46.20	ng		82
17) 2-Methylphenol	8.56	107	53264	34.13	ng	#	84
18) Hexachloroethane	9.20	117	28014	40.28	ng	#	81
19) n-Nitroso-di-n-propylamine	8.92	70	65475	47.68	ng	#	68
20) 3+4-Methylphenols	8.89	107	69681	31.13	ng		96
22) Acetophenone	8.94	105	135547	46.51	ng	#	81
24) Nitrobenzene	9.33	77	90551	46.43	ng	#	79
25) Isophorone	9.85	82	202222	44.56	ng	#	92
26) 2-Nitrophenol	10.04	139	46950	44.39	ng	#	74
27) 2,4-Dimethylphenol	10.10	122	86213	45.04	ng		93
28) bis(2-Chloroethoxy)methane	10.33	93	120905	46.51	ng		94
29) 2,4-Dichlorophenol	10.58	162	87807	49.51	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	85509	43.15	ng		93
31) Naphthalene	10.99	128	300180	44.47	ng		98
32) Benzoic acid	10.23	122	6564	17.91	ng	#	59
33) 4-Chloroaniline	11.10	127	61699	21.98	ng	#	87
34) Hexachlorobutadiene	11.26	225	41927	39.41	ng		97
35) Caprolactam	11.89	113	5587	5.74	ng	#	53
36) 4-Chloro-3-methylphenol	12.21	107	94924	45.16	ng		86
37) 2-Methylnaphthalene	12.58	142	231484	46.46	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	101116	43.94	ng		98
40) Hexachlorocyclopentadiene	12.92	237	81369	70.04	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	75334	48.80	ng		94
43) 2,4,5-Trichlorophenol	13.27	196	84510	49.55	ng		93
45) 1,1'-Biphenyl	13.58	154	313798	46.64	ng		96
46) 2-Chloronaphthalene	13.63	162	243712	47.26	ng		96
47) 2-Nitroaniline	13.83	65	58959	47.94	ng	#	50
48) Acenaphthylene	14.47	152	424669	46.93	ng		97
49) Dimethylphthalate	14.20	163	349719	47.18	ng		99
50) 2,6-Dinitrotoluene	14.32	165	78817	48.91	ng	#	76
51) Acenaphthene	14.81	154	255825	47.19	ng		98
52) 3-Nitroaniline	14.66	138	55283	30.93	ng	#	78
53) 2,4-Dinitrophenol	14.87	184	63219	93.88	ng	#	72
54) Dibenzofuran	15.14	168	404222	47.78	ng		97
55) 4-Nitrophenol	14.98	139	39596	32.10	ng	#	68
56) 2,4-Dinitrotoluene	15.11	165	106231	49.15	ng	#	77
57) Fluorene	15.79	166	350096	48.04	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.37	232	73880	48.30	ng		97
59) Diethylphthalate	15.55	149	368614	46.55	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	156971	47.56	ng		94
61) 4-Nitroaniline	15.82	138	77766	41.03	ng	#	76
62) Azobenzene	16.07	77	294193	49.06	ng		85
64) 4,6-Dinitro-2-methylphenol	15.88	198	47153	44.31	ng	#	79
65) n-Nitrosodiphenylamine	16.00	169	294122	48.12	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	96438	48.51	ng		96
67) Hexachlorobenzene	16.79	284	107741	46.50	ng		96
68) Atrazine	16.93	200	57172	25.27	ng		98
69) Pentachlorophenol	17.14	266	99119	93.14	ng		98
70) Phenanthrene	17.53	178	537847	46.67	ng		98
71) Anthracene	17.62	178	534841	46.80	ng		97
72) Carbazole	17.89	167	502829	46.45	ng		98
73) Di-n-butylphthalate	18.43	149	652776	46.13	ng		98
74) Fluoranthene	19.53	202	597528	45.10	ng		96
76) Benzidine	19.74	184	43221	8.50	ng		98
77) Pyrene	19.90	202	602266	49.82	ng		100
79) Butylbenzylphthalate	20.76	149	270866	48.31	ng		92
80) Benzo(a)anthracene	21.75	228	535471	49.11	ng		100
81) 3,3'-Dichlorobenzidine	21.66	252	106072	34.65	ng		97
82) Chrysene	21.81	228	504706	47.57	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	403393	48.93	ng		96
84) Di-n-octyl phthalate	22.85	149	677480	49.49	ng	#	85
85) Indeno(1,2,3-cd)pyrene	28.83	276	592467	49.77	ng		98
87) Benzo(b)fluoranthene	24.01	252	533741	49.93	ng	#	95
88) Benzo(k)fluoranthene	24.08	252	505403	48.03	ng	#	96
89) Benzo(a)pyrene	24.90	252	495408	48.47	ng	#	96
90) Dibenzo(a,h)anthracene	28.90	278	487758	50.67	ng	#	96
91) Benzo(g,h,i)perylene	30.02	276	493460	49.27	ng	#	93

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

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