Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021159.D
Acq On : 29 Feb 2016 17:34
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG022916

Quant Time: Feb 29 18:12:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8327	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	45831	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	30517	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	75539	20.00	ng		0.00
75) Chrysene-d12	21.76	240	82468	20.00	ng		0.00
86) Perylene-d12	25.04	264	74646	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	42934	81.97	ng		0.00
7) Phenol-d6	7.30	99	74483	86.48	ng		0.00
23) Nitrobenzene-d5	9.32	82	89194	82.35	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	26237	82.63	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	172791	80.40	ng		0.00
78) Terphenyl-d14	20.09	244	279489	82.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	10058	42.76	ng		95
3) Pyridine	4.00	79	32906	44.25	ng	#	89
4) n-Nitrosodimethylamine	3.91	42	14933	39.86	ng		97
6) Aniline	7.47	93	49963	43.76	ng	#	85
8) 2-Chlorophenol	7.71	128	27084	42.18	ng		83
9) Benzaldehyde	7.29	77	25093	46.64	ng		82
10) Phenol	7.32	94	40403	44.01	ng		78
11) bis(2-Chloroethyl)ether	7.57	93	30393	42.95	ng		99
12) 1,3-Dichlorobenzene	8.04	146	26666	40.50	ng	#	91
13) 1,4-Dichlorobenzene	8.19	146	28012	41.32	ng		96
14) 1,2-Dichlorobenzene	8.51	146	26955	41.69	ng		95
15) Benzyl Alcohol	8.38	79	37279	47.40	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.68	45	49761	40.73	ng		98
17) 2-Methylphenol	8.58	107	28356	44.63	ng	#	88
18) Hexachloroethane	9.24	117	11724	41.30	ng		92
19) n-Nitroso-di-n-propylamine	8.95	70	34701	43.61	ng	#	95
20) 3+4-Methylphenols	8.91	107	39337	43.72	ng		93
22) Acetophenone	8.97	105	53746	39.41	ng	#	93
24) Nitrobenzene	9.36	77	47618	40.28	ng	#	87
25) Isophorone	9.88	82	94678	40.33	ng		98
26) 2-Nitrophenol	10.07	139	17735	41.19	ng	#	64
27) 2,4-Dimethylphenol	10.12	122	32651	42.27	ng		88
28) bis(2-Chloroethoxy)methane	10.36	93	45806	42.03	ng		99
29) 2,4-Dichlorophenol	10.60	162	28829	41.43	ng		95
30) 1,2,4-Trichlorobenzene	10.82	180	27702	39.47	ng		99
31) Naphthalene	11.02	128	96080	40.21	ng		99
32) Benzoic acid	10.23	122	23812	37.69	ng		87
33) 4-Chloroaniline	11.12	127	47209	42.84	ng	#	87
34) Hexachlorobutadiene	11.29	225	16651	38.97	ng		92
35) Caprolactam	11.89	113	14958	44.08	ng	#	76
36) 4-Chloro-3-methylphenol	12.22	107	44246	41.91	ng	#	83
37) 2-Methylnaphthalene	12.60	142	73503	43.21	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	35396	38.63	ng		98
40) Hexachlorocyclopentadiene	12.94	237	21939	43.66	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	27113	39.39	ng		93
43) 2,4,5-Trichlorophenol	13.27	196	30288	41.15	ng	#	91
45) 1,1'-Biphenyl	13.60	154	97418	38.81	ng		97
46) 2-Chloronaphthalene	13.65	162	75298	39.97	ng		97
47) 2-Nitroaniline	13.84	65	38693	42.14	ng	#	71
48) Acenaphthylene	14.49	152	128164	40.18	ng		98
49) Dimethylphthalate	14.21	163	108257	39.81	ng	#	99
50) 2,6-Dinitrotoluene	14.33	165	24012	42.20	ng	#	67
51) Acenaphthene	14.82	154	83334	41.16	ng		97
52) 3-Nitroaniline	14.66	138	26940	42.67	ng	#	59
53) 2,4-Dinitrophenol	14.86	184	12791	42.95	ng	#	85
54) Dibenzofuran	15.16	168	119780	44.30	ng		92
55) 4-Nitrophenol	14.95	139	22906	43.75	ng	#	45
56) 2,4-Dinitrotoluene	15.11	165	34547	42.15	ng	#	70
57) Fluorene	15.81	166	105006	40.76	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	26535	45.07	ng	#	95
59) Diethylphthalate	15.56	149	119702	39.82	ng		98
60) 4-Chlorophenyl-phenylether	15.79	204	51210	39.81	ng		96
61) 4-Nitroaniline	15.82	138	29870	44.30	ng	#	66
62) Azobenzene	16.08	77	142122	44.02	ng		92
64) 4,6-Dinitro-2-methylphenol	15.87	198	19912	39.04	ng		91
65) n-Nitrosodiphenylamine	16.01	169	94065	40.50	ng		94
66) 4-Bromophenyl-phenylether	16.69	248	30591	38.75	ng	#	92
67) Hexachlorobenzene	16.80	284	30607	39.94	ng	#	82
68) Atrazine	16.95	200	27516	34.60	ng		99
69) Pentachlorophenol	17.14	266	20199	40.35	ng		94
70) Phenanthrene	17.54	178	164333	40.31	ng		99
71) Anthracene	17.63	178	169181	40.56	ng		99
72) Carbazole	17.90	167	157163	42.49	ng		98
73) Di-n-butylphthalate	18.44	149	211340	40.63	ng	#	98
74) Fluoranthene	19.54	202	196177	40.96	ng		99
76) Benzidine	19.71	184	93790	40.65	ng		98
77) Pyrene	19.89	202	203143	41.29	ng		98
79) Butylbenzylphthalate	20.77	149	99663	39.70	ng		86
80) Benzo(a)anthracene	21.75	228	196847	40.32	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	75995	41.14	ng		96
82) Chrysene	21.81	228	178709	38.62	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	147225	40.01	ng		97
84) Di-n-octyl phthalate	22.87	149	251051	40.96	ng		99
85) Indeno(1,2,3-cd)pyrene	28.78	276	205914	38.81	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	195534	41.65	ng		99
88) Benzo(k)fluoranthene	24.07	252	188990	40.19	ng		98
89) Benzo(a)pyrene	24.88	252	185410	40.84	ng		95
90) Dibenzo(a,h)anthracene	28.84	278	174517	38.86	ng	#	96
91) Benzo(g,h,i)perylene	29.95	276	168371	38.81	ng	#	90

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

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