Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
Data File : BG022166.D
Acq On : 6 Jun 2016 13:00
Operator : UM/SJ
Sample : SSTDICCC40
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC40

Quant Time: Jun 06 13:47:59 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 13:44:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	29569	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	158693	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	101041	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	237320	20.00	ng		0.00
75) Chrysene-d12	21.77	240	231183	20.00	ng		0.00
86) Perylene-d12	25.06	264	217919	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	126836	71.43	ng		0.00
7) Phenol-d6	7.28	99	201865	76.11	ng		0.00
23) Nitrobenzene-d5	9.29	82	188286	60.98	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	93350	85.72	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	536259	77.76	ng		0.00
78) Terphenyl-d14	20.08	244	789968	85.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	27045	34.22	ng	#	78
3) Pyridine	3.93	79	80230	33.83	ng	#	55
4) n-Nitrosodimethylamine	3.85	42	18468	15.71	ng	#	1
6) Aniline	7.44	93	129715	36.98	ng	#	82
8) 2-Chlorophenol	7.68	128	86758	40.76	ng	#	78
9) Benzaldehyde	7.26	77	56318	36.72	ng	#	72
10) Phenol	7.31	94	102910	36.07	ng		81
11) bis(2-Chloroethyl)ether	7.53	93	81448	35.67	ng	#	70
12) 1,3-Dichlorobenzene	8.00	146	89992	37.86	ng	#	92
13) 1,4-Dichlorobenzene	8.16	146	90705	37.48	ng		92
14) 1,2-Dichlorobenzene	8.47	146	90047	38.78	ng		96
15) Benzyl Alcohol	8.36	79	63035	31.10	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.65	45	81423	16.65	ng		81
17) 2-Methylphenol	8.56	107	74078	37.56	ng	#	84
18) Hexachloroethane	9.21	117	32413	36.80	ng	#	70
19) n-Nitroso-di-n-propylamine	8.92	70	68923	33.44	ng	#	67
20) 3+4-Methylphenols	8.89	107	106758	39.56	ng		96
22) Acetophenone	8.95	105	140781	31.85	ng	#	81
24) Nitrobenzene	9.33	77	93793	28.37	ng	#	80
25) Isophorone	9.85	82	210750	31.19	ng		94
26) 2-Nitrophenol	10.05	139	52557	41.64	ng	#	75
27) 2,4-Dimethylphenol	10.10	122	91748	32.00	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	123294	34.34	ng		94
29) 2,4-Dichlorophenol	10.59	162	88169	36.07	ng		96
30) 1,2,4-Trichlorobenzene	10.80	180	94055	35.78	ng		92
31) Naphthalene	10.99	128	307378	36.19	ng	#	96
32) Benzoic acid	10.23	122	29034	19.03	ng		84
33) 4-Chloroaniline	11.10	127	134643	36.62	ng	#	88
34) Hexachlorobutadiene	11.26	225	48008	28.32	ng		95
35) Caprolactam	11.87	113	45563	40.73	ng	#	38
36) 4-Chloro-3-methylphenol	12.22	107	101784	33.11	ng		86
37) 2-Methylnaphthalene	12.59	142	235338	40.37	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	104769	33.18	ng		98
40) Hexachlorocyclopentadiene	12.92	237	48405	27.60	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	72822	36.17	ng		99
43) 2,4,5-Trichlorophenol	13.27	196	77526	35.68	ng	#	94
45) 1,1'-Biphenyl	13.58	154	314128	36.90	ng		97
46) 2-Chloronaphthalene	13.63	162	239590	38.07	ng		95
47) 2-Nitroaniline	13.84	65	57771	26.77	ng	#	47
48) Acenaphthylene	14.47	152	408923	39.30	ng		97
49) Dimethylphthalate	14.20	163	329359	37.70	ng		100
50) 2,6-Dinitrotoluene	14.32	165	75142	45.11	ng	#	77
51) Acenaphthene	14.81	154	243640	36.62	ng		96
52) 3-Nitroaniline	14.66	138	76071	41.18	ng	#	80
53) 2,4-Dinitrophenol	14.87	184	24414	45.46	ng	#	69
54) Dibenzofuran	15.14	168	383334	42.20	ng		96
55) 4-Nitrophenol	14.98	139	60295	38.12	ng	#	67
56) 2,4-Dinitrotoluene	15.11	165	104003	46.20	ng	#	79
57) Fluorene	15.80	166	329392	40.60	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.37	232	68127	37.79	ng		96
59) Diethylphthalate	15.55	149	349346	38.31	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	150705	37.71	ng		94
61) 4-Nitroaniline	15.83	138	86616	42.61	ng	#	76
62) Azobenzene	16.07	77	269269	34.46	ng		86
64) 4,6-Dinitro-2-methylphenol	15.88	198	47125	51.44	ng	#	78
65) n-Nitrosodiphenylamine	16.00	169	283043	39.77	ng		98
66) 4-Bromophenyl-phenylether	16.68	248	91737	36.08	ng		94
67) Hexachlorobenzene	16.79	284	104798	39.04	ng		92
68) Atrazine	16.94	200	102285	36.39	ng		97
69) Pentachlorophenol	17.15	266	40137	26.19	ng		98
70) Phenanthrene	17.53	178	512543	39.19	ng		99
71) Anthracene	17.63	178	519594	39.13	ng		98
72) Carbazole	17.90	167	486606	39.26	ng		99
73) Di-n-butylphthalate	18.43	149	625782	39.70	ng		98
74) Fluoranthene	19.54	202	581198	37.21	ng		97
76) Benzidine	19.71	184	270394	37.57	ng		97
77) Pyrene	19.90	202	577444	43.32	ng		100
79) Butylbenzylphthalate	20.77	149	268872	43.45	ng		91
80) Benzo(a)anthracene	21.75	228	514326	38.66	ng		100
81) 3,3'-Dichlorobenzidine	21.66	252	151751	14.41	ng		97
82) Chrysene	21.82	228	493861	38.64	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	393703	43.50	ng		98
84) Di-n-octyl phthalate	22.85	149	658605	43.44	ng	#	85
85) Indeno(1,2,3-cd)pyrene	28.85	276	576433	37.93	ng		98
87) Benzo(b)fluoranthene	24.01	252	511303	40.44	ng	#	97
88) Benzo(k)fluoranthene	24.08	252	502906	40.67	ng	#	98
89) Benzo(a)pyrene	24.91	252	493483	40.28	ng	#	96
90) Dibenzo(a,h)anthracene	28.90	278	470039	38.27	ng	#	94
91) Benzo(g,h,i)perylene	30.03	276	477746	39.64	ng		94

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

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