Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
Data File : BG022169.D
Acq On : 6 Jun 2016 15:01
Operator : UM/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

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Quant Time: Jun 06 16:03:22 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 13:59:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	24575	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	128696	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	86437	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	222438	20.00	ng		0.00
75) Chrysene-d12	21.77	240	238009	20.00	ng		0.00
86) Perylene-d12	25.06	264	227556	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	5008	3.39	ng		0.01
7) Phenol-d6	7.29	99	8498m	3.86	ng		0.01
23) Nitrobenzene-d5	9.29	82	7063	2.82	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	4312	4.63	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	27947	4.74	ng		0.00
78) Terphenyl-d14	20.08	244	51659	5.42	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.94	79	4139	2.10	ng	#	87
4) n-Nitrosodimethylamine	3.86	42	790	0.81	ng	#	55
6) Aniline	7.45	93	4944	1.70	ng		94
8) 2-Chlorophenol	7.68	128	3928	2.22	ng		83
9) Benzaldehyde	7.28	77	2596m	2.04	ng		
10) Phenol	7.31	94	4384	1.85	ng		79
11) bis(2-Chloroethyl)ether	7.54	93	3823	2.01	ng	#	63
12) 1,3-Dichlorobenzene	8.01	146	5284	2.67	ng	#	85
13) 1,4-Dichlorobenzene	8.17	146	4799	2.39	ng		95
14) 1,2-Dichlorobenzene	8.48	146	5224	2.71	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	4410	1.08	ng		69
17) 2-Methylphenol	8.58	107	3664	2.24	ng	#	74
18) Hexachloroethane	9.20	117	1790	2.45	ng	#	65
19) n-Nitroso-di-n-propylamine	8.92	70	2906	1.70	ng	#	57
22) Acetophenone	8.97	105	5680	1.58	ng	#	81
24) Nitrobenzene	9.34	77	3871	1.44	ng	#	89
25) Isophorone	9.85	82	10885	1.99	ng	#	88
26) 2-Nitrophenol	10.07	139	1792	1.75	ng	#	30
27) 2,4-Dimethylphenol	10.12	122	3442	1.48	ng		85
29) 2,4-Dichlorophenol	10.60	162	2861	1.44	ng		90
30) 1,2,4-Trichlorobenzene	10.80	180	4623	2.17	ng	#	87
31) Naphthalene	10.99	128	16867	2.45	ng	#	97
34) Hexachlorobutadiene	11.27	225	2861	2.08	ng	#	83
35) Caprolactam	11.86	113	2259	2.49	ng	#	38
36) 4-Chloro-3-methylphenol	12.24	107	3997	1.60	ng		92
37) 2-Methylnaphthalene	12.60	142	11583m	2.45	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	5371	1.99	ng	#	93
42) 2,4,6-Trichlorophenol	13.20	196	3118	1.81	ng	#	82
45) 1,1'-Biphenyl	13.59	154	14872	2.04	ng		97
46) 2-Chloronaphthalene	13.63	162	11341	2.11	ng		93
48) Acenaphthylene	14.48	152	21808	2.45	ng		98
49) Dimethylphthalate	14.19	163	19645	2.63	ng		99
50) 2,6-Dinitrotoluene	14.32	165	3430	2.41	ng	#	91
51) Acenaphthene	14.81	154	13845	2.43	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) Dibenzofuran	15.15	168	20532	2.64	ng		99
56) 2,4-Dinitrotoluene	15.12	165	3689	1.92	ng	#	94
57) Fluorene	15.80	166	18110	2.61	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.38	232	3710	2.41	ng	#	90
59) Diethylphthalate	15.55	149	21072	2.70	ng		96
60) 4-Chlorophenyl-phenylether	15.78	204	7590	2.22	ng		95
62) Azobenzene	16.07	77	14668	2.19	ng		86
65) n-Nitrosodiphenylamine	16.00	169	14214	2.13	ng		97
66) 4-Bromophenyl-phenylether	16.68	248	4488	1.88	ng		90
67) Hexachlorobenzene	16.80	284	6035	2.40	ng		94
68) Atrazine	16.93	200	5924	2.25	ng		97
70) Phenanthrene	17.53	178	31450	2.57	ng		99
71) Anthracene	17.63	178	29594	2.38	ng		96
72) Carbazole	17.91	167	30315m	2.61	ng		
73) Di-n-butylphthalate	18.43	149	39657	2.68	ng		99
74) Fluoranthene	19.54	202	37705	2.58	ng		98
76) Benzidine	19.78	184	14128m	1.91	ng		
77) Pyrene	19.90	202	38946	2.84	ng		98
79) Butylbenzylphthalate	20.76	149	16005	2.51	ng	#	82
80) Benzo(a)anthracene	21.74	228	34676	2.53	ng		99
82) Chrysene	21.81	228	34194	2.60	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	24354	2.61	ng		97
84) Di-n-octyl phthalate	22.85	149	38487	2.47	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.85	276	32916	2.10	ng	#	54
87) Benzo(b)fluoranthene	24.01	252	32599m	2.47	ng		
88) Benzo(k)fluoranthene	24.08	252	31551	2.44	ng		96
89) Benzo(a)pyrene	24.91	252	29580	2.31	ng	#	93
90) Dibenzo(a,h)anthracene	28.89	278	26247	2.05	ng		96
91) Benzo(g,h,i)perylene	30.02	276	31664m	2.52	ng		

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

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