Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072616\
Data File : BG023269.D
Acq On : 26 Jul 2016 14:34
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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7/27/2016 7:13:16 PM

Quant Time: Jul 27 17:55:22 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 01:43:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	183510	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	863211	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	595791	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	1442726	20.00	ng		0.00
75) Chrysene-d12	21.89	240	1219243	20.00	ng		0.00
86) Perylene-d12	25.30	264	1015746	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	54898	2.55	ng		0.00
7) Phenol-d6	7.29	99	88186	2.67	ng		0.00
23) Nitrobenzene-d5	9.31	82	94515	2.68	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	29375	2.38	ng		0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
3) Pyridine	3.96	79	36533	2.26	ng	#	82
4) n-Nitrosodimethylamine	3.86	42	15727	2.16	ng	#	68
6) Aniline	7.45	93	60718	2.75	ng		98
8) 2-Chlorophenol	7.70	128	29340	2.45	ng		92
9) Benzaldehyde	7.27	77	33117	2.79	ng		90
10) Phenol	7.32	94	43597	2.50	ng	#	69
11) bis(2-Chloroethyl)ether	7.55	93	38005	2.57	ng		90
12) 1,3-Dichlorobenzene	8.02	146	35727	2.64	ng		93
13) 1,4-Dichlorobenzene	8.18	146	36604	2.65	ng		93
14) 1,2-Dichlorobenzene	8.49	146	34420	2.59	ng		99
15) Benzyl Alcohol	8.38	79	21209	1.91	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.67	45	67571	2.87	ng		91
17) 2-Methylphenol	8.59	107	31350	2.63	ng	#	73
18) Hexachloroethane	9.24	117	15720	2.74	ng	#	81
19) n-Nitroso-di-n-propylamine	8.94	70	37524	2.53	ng	#	91
20) 3+4-Methylphenols	8.92	107	38167	2.36	ng		80
22) Acetophenone	8.97	105	57864	2.57	ng	#	93
24) Nitrobenzene	9.36	77	52523	2.56	ng	#	97
25) Isophorone	9.88	82	96321	2.64	ng	#	92
26) 2-Nitrophenol	10.08	139	17068	2.20	ng	#	77
27) 2,4-Dimethylphenol	10.14	122	32183	2.47	ng	#	68
28) bis(2-Chloroethoxy)methane	10.37	93	54648	2.67	ng		95
29) 2,4-Dichlorophenol	10.63	162	27553	2.18	ng		94
30) 1,2,4-Trichlorobenzene	10.83	180	35279	2.53	ng	#	94
31) Naphthalene	11.03	128	123628	3.08	ng	#	94
33) 4-Chloroaniline	11.14	127	48697	2.63	ng	#	88
34) Hexachlorobutadiene	11.31	225	20415	2.23	ng		92
35) Caprolactam	11.89	113	12767m	2.41	ng		
36) 4-Chloro-3-methylphenol	12.26	107	39790	2.40	ng		99
37) 2-Methylnaphthalene	12.63	142	83478	2.81	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	49669	2.57	ng		99
40) Hexachlorocyclopentadiene	12.98	237	14780	1.62	ng		98
42) 2,4,6-Trichlorophenol	13.25	196	24681	2.18	ng		98
43) 2,4,5-Trichlorophenol	13.32	196	27401	2.28	ng	#	80

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	13.63	154	127894	3.20	ng		93
46) 2-Chloronaphthalene	13.68	162	95724	2.87	ng		98
47) 2-Nitroaniline	13.89	65	33301	2.36	ng	#	80
48) Acenaphthylene	14.53	152	157614	3.09	ng		94
49) Dimethylphthalate	14.25	163	133332	3.03	ng	#	98
50) 2,6-Dinitrotoluene	14.37	165	25513	2.48	ng	#	74
51) Acenaphthene	14.87	154	95018	2.87	ng		97
52) 3-Nitroaniline	14.71	138	25406	2.45	ng	#	87
54) Dibenzofuran	15.21	168	145129	3.10	ng		95
56) 2,4-Dinitrotoluene	15.17	165	34904	2.41	ng		91
57) Fluorene	15.86	166	129576	3.14	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	21883	2.15	ng	#	85
59) Diethylphthalate	15.61	149	140020	3.11	ng		96
60) 4-Chlorophenyl-phenylether	15.84	204	61846	2.77	ng		95
61) 4-Nitroaniline	15.88	138	26024	2.39	ng	#	76
62) Azobenzene	16.14	77	143353	3.07	ng		90
64) 4,6-Dinitro-2-methylphenol	15.94	198	16865	1.82	ng	#	76
65) n-Nitrosodiphenylamine	16.06	169	101232	2.63	ng	#	88
66) 4-Bromophenyl-phenylether	16.75	248	36515	2.50	ng		94
67) Hexachlorobenzene	16.87	284	38215	2.61	ng	#	90
68) Atrazine	17.01	200	36061	2.44	ng		86
72) Carbazole	17.98	167	178695	3.06	ng		95
73) Di-n-butylphthalate	18.52	149	185786	2.85	ng	#	93
74) Fluoranthene	19.63	202	217923m	3.03	ng		
77) Pyrene	19.99	202	222574	3.22	ng		92
79) Butylbenzylphthalate	20.87	149	72752	2.39	ng	#	98
80) Benzo(a)anthracene	21.87	228	187204m	2.93	ng		
81) 3,3'-Dichlorobenzidine	21.78	252	62079	2.40	ng	#	89
82) Chrysene	21.94	228	187922	3.05	ng		96
83) Bis(2-ethylhexyl)phthalate	21.75	149	105186	2.47	ng	#	88
84) Di-n-octyl phthalate	23.03	149	175396	2.52	ng		97
85) Indeno(1,2,3-cd)pyrene	29.19	276	148424	2.06	ng	#	100
87) Benzo(b)fluoranthene	24.21	252	140594	2.61	ng	#	97
88) Benzo(k)fluoranthene	24.29	252	150891	2.80	ng	#	92
89) Benzo(a)pyrene	25.13	252	140485	2.66	ng	#	96
90) Dibenzo(a,h)anthracene	29.26	278	122021	2.44	ng	#	96
91) Benzo(g,h,i)perylene	30.42	276	130428m	2.48	ng		

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

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