Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
Data File : BG017639.D
Acq On : 12 Jun 2015 16:36
Operator : TP/IZ
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC2.5

Manual Integrations APPROVED
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6/15/2015 4:39:52 PM

Quant Time: Jun 13 02:21:00 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 13 00:03:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	22464	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	86060	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	62992	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	185291	20.00	ng		0.00
75) Chrysene-d12	21.17	240	260733	20.00	ng		0.00
86) Perylene-d12	23.36	264	264157	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	4867	3.86	ng		0.00
7) Phenol-d6	6.74	99	7505	4.34	ng		0.00
23) Nitrobenzene-d5	8.69	82	9023	5.11	ng		0.00
41) 2,4,6-Tribromophenol	15.71	330	5076	5.59	ng		0.00
44) 2-Fluorobiphenyl	12.82	172	22524	5.33	ng		0.00
78) Terphenyl-d14	19.61	244	63931	5.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	1561	2.71	ng	#	61
3) Pyridine	3.37	79	3267	2.14	ng	#	79
4) n-Nitrosodimethylamine	3.29	42	2122	2.17	ng	#	93
6) Aniline	6.86	93	5158	2.21	ng	#	68
8) 2-Chlorophenol	7.11	128	3646	2.45	ng		86
9) Benzaldehyde	6.67	77	3229	2.77	ng		92
10) Phenol	6.77	94	4283	2.43	ng		88
11) bis(2-Chloroethyl)ether	6.96	93	3693	2.75	ng		83
12) 1,3-Dichlorobenzene	7.42	146	3980	2.37	ng		91
13) 1,4-Dichlorobenzene	7.55	146	4060	2.30	ng	#	78
14) 1,2-Dichlorobenzene	7.88	146	3748	2.26	ng	#	75
15) Benzyl Alcohol	7.80	79	3825m	2.31	ng		
17) 2-Methylphenol	8.02	107	2706	2.02	ng	#	68
18) Hexachloroethane	8.59	117	1595	2.26	ng	#	68
19) n-Nitroso-di-n-propylamine	8.35	70	3538	2.38	ng	#	96
22) Acetophenone	8.36	105	5200	2.44	ng	#	81
24) Nitrobenzene	8.74	77	4898	2.65	ng	#	90
25) Isophorone	9.26	82	8217	2.25	ng	#	96
26) 2-Nitrophenol	9.46	139	2148	2.61	ng	#	70
27) 2,4-Dimethylphenol	9.54	122	3322	2.45	ng	#	51
28) bis(2-Chloroethoxy)methane	9.76	93	3755	2.28	ng		93
30) 1,2,4-Trichlorobenzene	10.19	180	4151	2.59	ng	#	81
31) Naphthalene	10.38	128	11324	2.51	ng	#	85
34) Hexachlorobutadiene	10.65	225	3873	3.58	ng	#	85
36) 4-Chloro-3-methylphenol	11.68	107	3970	2.29	ng	#	85
37) 2-Methylnaphthalene	12.01	142	9248	2.66	ng	#	81
39) 1,2,4,5-Tetrachlorobenzene	12.38	216	6113	3.03	ng	#	95
42) 2,4,6-Trichlorophenol	12.65	196	3631m	2.62	ng		
43) 2,4,5-Trichlorophenol	12.74	196	3361	2.19	ng	#	89
45) 1,1'-Biphenyl	13.04	154	11829	2.57	ng		88
46) 2-Chloronaphthalene	13.08	162	9455	2.47	ng		95
48) Acenaphthylene	13.93	152	15886	2.35	ng	#	92
49) Dimethylphthalate	13.67	163	13317	2.43	ng	#	89
50) 2,6-Dinitrotoluene	13.80	165	2778	2.27	ng	#	84

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	14.27	154	8683	2.17	ng		86
54) Dibenzofuran	14.61	168	15392	2.58	ng		94
57) Fluorene	15.26	166	12763	2.38	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.86	232	3857	2.68	ng	#	91
59) Diethylphthalate	15.05	149	16235	2.73	ng	#	88
60) 4-Chlorophenyl-phenylether	15.27	204	8349	2.97	ng		93
62) Azobenzene	15.55	77	15407	2.67	ng		89
65) n-Nitrosodiphenylamine	15.48	169	12588	2.29	ng	#	75
66) 4-Bromophenyl-phenylether	16.16	248	5625	2.65	ng		89
67) Hexachlorobenzene	16.27	284	6179	2.70	ng	#	93
68) Atrazine	16.44	200	6526	2.65	ng		84
70) Phenanthrene	17.00	178	26196m	2.53	ng		
71) Anthracene	17.10	178	25601	2.47	ng		98
72) Carbazole	17.38	167	21152	2.09	ng	#	95
73) Di-n-butylphthalate	17.94	149	25947	2.02	ng	#	95
74) Fluoranthene	19.03	202	34436	2.51	ng		97
77) Pyrene	19.40	202	36372	2.29	ng		96
80) Benzo(a)anthracene	21.15	228	42295	2.64	ng		98
81) 3,3'-Dichlorobenzidine	21.10	252	12835	2.16	ng		95
82) Chrysene	21.20	228	36515	2.52	ng		96
83) Bis(2-ethylhexyl)phthalate	21.08	149	19850	2.05	ng		95
84) Di-n-octyl phthalate	21.94	149	33941	2.10	ng		97
85) Indeno(1,2,3-cd)pyrene	25.59	276	50206	2.75	ng	#	92
87) Benzo(b)fluoranthene	22.71	252	43564	2.61	ng		94
88) Benzo(k)fluoranthene	22.75	252	45029m	2.78	ng		
89) Benzo(a)pyrene	23.27	252	42173	2.74	ng	#	94
90) Dibenzo(a,h)anthracene	25.60	278	41113	2.56	ng		94
91) Benzo(g,h,i)perylene	26.28	276	38971	2.55	ng		94

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

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