Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013017\
Data File : BG025702.D
Acq On : 30 Jan 2017 13:14
Operator : SJ/MA
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
mohammad
1/31/2017 3:41:00 PM

Quant Time: Jan 30 18:26:32 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 16:03:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	55452	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	231302	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	181500	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	432495	20.00	ng		0.00
75) Chrysene-d12	21.84	240	646932	20.00	ng		0.00
86) Perylene-d12	25.22	264	624092	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	13321	4.37	ng		0.02
7) Phenol-d6	7.34	99	18657	4.34	ng		0.02
23) Nitrobenzene-d5	9.37	82	24557	4.69	ng		0.01
41) 2,4,6-Tribromophenol	16.30	330	12194	4.17	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	61426	5.48	ng		0.00
78) Terphenyl-d14	20.13	244	151854	6.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	3584	2.75	ng		86
3) Pyridine	3.98	79	7366	1.95	ng	#	73
4) n-Nitrosodimethylamine	3.89	42	4630	2.07	ng	#	89
6) Aniline	7.50	93	13102	2.25	ng		96
8) 2-Chlorophenol	7.73	128	8740	2.54	ng	#	72
9) Benzaldehyde	7.33	77	9501	3.02	ng	#	49
10) Phenol	7.37	94	12528	2.63	ng		95
11) bis(2-Chloroethyl)ether	7.59	93	8751	2.38	ng		81
12) 1,3-Dichlorobenzene	8.05	146	10657m	2.56	ng		
13) 1,4-Dichlorobenzene	8.20	146	10923	2.53	ng		89
14) 1,2-Dichlorobenzene	8.53	146	9514	2.31	ng		89
15) Benzyl Alcohol	8.44	79	7111	1.73	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.69	45	18202	2.68	ng		87
17) 2-Methylphenol	8.62	107	8822	2.82	ng	#	67
18) Hexachloroethane	9.24	117	4280	2.58	ng	#	64
19) n-Nitroso-di-n-propylamine	8.98	70	8602	2.37	ng	#	83
20) 3+4-Methylphenols	8.98	107	9235	2.13	ng	#	81
22) Acetophenone	9.02	105	14465	2.25	ng	#	90
24) Nitrobenzene	9.41	77	14784	2.57	ng	#	78
25) Isophorone	9.91	82	28371	2.99	ng	#	92
26) 2-Nitrophenol	10.12	139	4727	2.15	ng	#	71
27) 2,4-Dimethylphenol	10.19	122	8270	2.29	ng		91
28) bis(2-Chloroethoxy)methane	10.40	93	12608	2.56	ng	#	86
29) 2,4-Dichlorophenol	10.70	162	7089	1.83	ng	#	73
30) 1,2,4-Trichlorobenzene	10.86	180	10247	2.20	ng	#	83
31) Naphthalene	11.05	128	29033	2.51	ng	#	93
34) Hexachlorobutadiene	11.30	225	9508	2.50	ng	#	83
36) 4-Chloro-3-methylphenol	12.31	107	9488	1.99	ng	#	87
37) 2-Methylnaphthalene	12.64	142	23389	2.73	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	15746	2.63	ng		91
42) 2,4,6-Trichlorophenol	13.26	196	8283	2.20	ng	#	78
45) 1,1'-Biphenyl	13.64	154	30762	2.52	ng		93
46) 2-Chloronaphthalene	13.69	162	25922	2.72	ng	#	81
47) 2-Nitroaniline	13.92	65	9885	2.46	ng	#	82

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	14.53	152	42574	2.88	ng	#	91
49) Dimethylphthalate	14.24	163	34883	2.64	ng	#	94
50) 2,6-Dinitrotoluene	14.39	165	7746	2.68	ng	#	84
51) Acenaphthene	14.87	154	25406	2.63	ng		94
54) Dibenzofuran	15.21	168	40715	2.66	ng	#	91
56) 2,4-Dinitrotoluene	15.20	165	10101	2.40	ng	#	73
57) Fluorene	15.85	166	35386	2.77	ng	#	86
58) 2,3,4,6-Tetrachlorophenol	15.36	232	7015	1.66	ng		99
59) Diethylphthalate	15.59	149	38670	2.79	ng	#	91
60) 4-Chlorophenyl-phenylether	15.83	204	18160	2.50	ng		97
62) Azobenzene	16.12	77	35677	2.67	ng		93
65) n-Nitrosodiphenylamine	16.05	169	31318	2.68	ng	#	87
66) 4-Bromophenyl-phenylether	16.73	248	12793	2.40	ng		95
67) Hexachlorobenzene	16.85	284	15565	2.54	ng	#	80
68) Atrazine	16.99	200	17053	3.33	ng		90
70) Phenanthrene	17.59	178	59575	2.67	ng		96
71) Anthracene	17.68	178	60587	2.68	ng		96
72) Carbazole	17.97	167	55399	2.73	ng	#	95
73) Di-n-butylphthalate	18.47	149	71523	2.87	ng		97
74) Fluoranthene	19.59	202	90637	3.08	ng		88
76) Benzidine	19.78	184	45658	2.83	ng		97
77) Pyrene	19.96	202	91972	2.72	ng		93
79) Butylbenzylphthalate	20.80	149	38445	2.83	ng	#	79
80) Benzo(a)anthracene	21.82	228	102949m	2.85	ng		
81) 3,3'-Dichlorobenzidine	21.73	252	37648	2.69	ng		93
82) Chrysene	21.88	228	95537	2.76	ng		96
83) Bis(2-ethylhexyl)phthalate	21.66	149	52552	2.78	ng	#	90
84) Di-n-octyl phthalate	22.90	149	79279	2.53	ng	#	90
87) Benzo(b)fluoranthene	24.14	252	94502	2.78	ng	#	91
88) Benzo(k)fluoranthene	24.20	252	91830	2.79	ng	#	86
89) Benzo(a)pyrene	25.05	252	87618	2.66	ng		93
90) Dibenzo(a,h)anthracene	29.17	278	88479	2.54	ng		94

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

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