Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022404.D
Acq On : 18 Jun 2016 1:54
Operator : UM/SJ
Sample : H3597-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EDD-3EMSD

Manual Integrations APPROVED
sohil
6/20/2016 6:53:13 PM

Quant Time: Jun 20 11:38:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	21966	20.00	ng		-0.05
21) Naphthalene-d8	10.86	136	114940	20.00	ng		-0.04
38) Acenaphthene-d10	14.68	164	68345	20.00	ng		-0.04
63) Phenanthrene-d10	17.43	188	152888	20.00	ng		-0.04
75) Chrysene-d12	21.69	240	131590	20.00	ng		-0.05
86) Perylene-d12	24.93	264	121328	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	135279	119.07	ng		-0.03
7) Phenol-d6	7.23	99	219612	122.95	ng		-0.02
23) Nitrobenzene-d5	9.22	82	118324	71.77	ng		-0.04
41) 2,4,6-Tribromophenol	16.18	330	68396	88.57	ng		-0.04
44) 2-Fluorobiphenyl	13.30	172	318310	70.98	ng		-0.04
78) Terphenyl-d14	20.02	244	387428	69.90	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	15338	28.16	ng	#	81
3) Pyridine	3.82	79	42747	29.04	ng		98
4) n-Nitrosodimethylamine	3.74	42	13895	42.21	ng		92
6) Aniline	7.37	93	60274	26.56	ng	#	82
8) 2-Chlorophenol	7.61	128	60783	38.71	ng	#	81
10) Phenol	7.26	94	78335	42.54	ng		84
11) bis(2-Chloroethyl)ether	7.46	93	54849	37.35	ng	#	75
12) 1,3-Dichlorobenzene	7.93	146	58133	34.54	ng	#	92
13) 1,4-Dichlorobenzene	8.08	146	59344	35.39	ng		93
14) 1,2-Dichlorobenzene	8.40	146	59133	34.98	ng		98
15) Benzyl Alcohol	8.30	79	42057	36.44	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.57	45	63610	41.75	ng		82
17) 2-Methylphenol	8.51	107	54168	39.42	ng	#	86
18) Hexachloroethane	9.12	117	23261	37.98	ng		83
19) n-Nitroso-di-n-propylamine	8.85	70	45421	37.56	ng	#	70
20) 3+4-Methylphenols	8.85	107	74552	37.82	ng		92
22) Acetophenone	8.87	105	87690	35.40	ng	#	87
24) Nitrobenzene	9.26	77	64669	39.01	ng	#	87
25) Isophorone	9.78	82	138828	35.99	ng	#	93
26) 2-Nitrophenol	9.98	139	31574	35.12	ng	#	79
27) 2,4-Dimethylphenol	10.05	122	63101	38.78	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	82065	37.14	ng		95
29) 2,4-Dichlorophenol	10.53	162	58345	38.71	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	58500	34.73	ng		89
31) Naphthalene	10.91	128	202535	35.30	ng	#	95
33) 4-Chloroaniline	11.04	127	45611	19.12	ng	#	93
34) Hexachlorobutadiene	11.19	225	30419	33.64	ng		93
35) Caprolactam	11.80	113	25088	30.34	ng	#	51
36) 4-Chloro-3-methylphenol	12.17	107	69693	39.01	ng		90
37) 2-Methylnaphthalene	12.51	142	149417	35.28	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	62250	35.38	ng		99
40) Hexachlorocyclopentadiene	12.85	237	28864	35.25	ng		98
42) 2,4,6-Trichlorophenol	13.13	196	41759	35.38	ng		93
43) 2,4,5-Trichlorophenol	13.23	196	46619	35.75	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	13.51	154	191622	37.26	ng		94
46) 2-Chloronaphthalene	13.56	162	147216	37.34	ng		97
47) 2-Nitroaniline	13.78	65	37064	39.42	ng	#	63
48) Acenaphthylene	14.41	152	257276	37.19	ng		97
49) Dimethylphthalate	14.13	163	329079	58.07	ng		99
50) 2,6-Dinitrotoluene	14.27	165	45055	36.57	ng	#	79
51) Acenaphthene	14.75	154	148620	35.86	ng		97
52) 3-Nitroaniline	14.61	138	33277	24.35	ng	#	79
53) 2,4-Dinitrophenol	14.84	184	4145	18.04	ng	#	83
54) Dibenzofuran	15.08	168	236082	36.50	ng		98
55) 4-Nitrophenol	14.96	139	37368	39.63	ng	#	79
56) 2,4-Dinitrotoluene	15.06	165	60555	36.65	ng	#	88
57) Fluorene	15.73	166	195508	35.09	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.32	232	33401	28.56	ng		90
59) Diethylphthalate	15.49	149	214640	35.46	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	87048	34.50	ng		96
61) 4-Nitroaniline	15.77	138	35215m	24.30	ng		
62) Azobenzene	16.00	77	179806	39.22	ng		89
64) 4,6-Dinitro-2-methylphenol	15.83	198	15485	23.17	ng		86
65) n-Nitrosodiphenylamine	15.93	169	167823	38.11	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	50269	35.09	ng		96
67) Hexachlorobenzene	16.73	284	53941	32.31	ng		97
68) Atrazine	16.87	200	54177	33.23	ng		95
69) Pentachlorophenol	17.09	266	23827	35.59	ng		93
70) Phenanthrene	17.47	178	298941	36.00	ng		98
71) Anthracene	17.56	178	296338	35.98	ng		96
72) Carbazole	17.84	167	270976	34.74	ng		98
73) Di-n-butylphthalate	18.37	149	368291	36.12	ng		99
74) Fluoranthene	19.48	202	340489	35.67	ng		97
76) Benzidine	19.67	184	122889	35.71	ng		97
77) Pyrene	19.84	202	345327	42.21	ng		99
79) Butylbenzylphthalate	20.70	149	159337	42.00	ng		92
80) Benzo(a)anthracene	21.67	228	272470	36.93	ng		98
81) 3,3'-Dichlorobenzidine	21.59	252	40576	19.59	ng	#	96
82) Chrysene	21.74	228	269177	37.49	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	238859	42.81	ng		95
84) Di-n-octyl phthalate	22.76	149	385644	41.63	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.65	276	269261	33.43	ng	#	83
87) Benzo(b)fluoranthene	23.90	252	266504	37.66	ng	#	96
88) Benzo(k)fluoranthene	23.97	252	245611	35.26	ng	#	96
89) Benzo(a)pyrene	24.78	252	246485	36.43	ng	#	96
90) Dibenzo(a,h)anthracene	28.70	278	221700	34.79	ng	#	93
91) Benzo(g,h,i)perylene	29.81	276	231077	34.85	ng	#	92

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

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