Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032581.D
Acq On : 7 Feb 2018 3:04
Operator : SJ/JU
Sample : J1458-01MS
Misc : MDL-W-8 ppm
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-01MS

Manual Integrations APPROVED
Sohil
2/7/2018 4:15:04 PM

Quant Time: Feb 07 05:37:21 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	17406	20.00	ng		0.00
21) Naphthalene-d8	11.59	136	76589	20.00	ng		0.00
38) Acenaphthene-d10	15.34	164	52115	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	154655	20.00	ng		0.00
75) Chrysene-d12	22.40	240	191563	20.00	ng		0.00
86) Perylene-d12	26.07	264	222030	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	120201	138.71	ng		0.00
7) Phenol-d6	7.83	99	154448	133.56	ng		0.00
23) Nitrobenzene-d5	9.90	82	86525	70.56	ng		-0.01
41) 2,4,6-Tribromophenol	16.82	330	144910	146.08	ng		0.00
44) 2-Fluorobiphenyl	13.97	172	277680	63.33	ng		0.00
78) Terphenyl-d14	20.61	244	719834	80.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	11458	39.298	ng	#	69
3) Pyridine	4.25	79	28477	36.171	ng	#	81
4) n-Nitrosodimethylamine	4.16	42	17680	43.140	ng	#	75
6) Aniline	8.01	93	34093	23.646	ng		99
8) 2-Chlorophenol	8.26	128	43226	42.198	ng	#	82
9) Benzaldehyde	7.81	77	11930	19.974	ng	#	54
10) Phenol	7.85	94	56818	51.739	ng		93
11) bis(2-Chloroethyl)ether	8.09	93	36394	43.495	ng		83
12) 1,3-Dichlorobenzene	8.59	146	50360m	36.353	ng		
13) 1,4-Dichlorobenzene	8.74	146	52647	37.917	ng		89
14) 1,2-Dichlorobenzene	9.08	146	59326	43.616	ng		97
15) Benzyl Alcohol	8.95	79	39277	41.212	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.23	45	33191	41.861	ng		62
17) 2-Methylphenol	9.15	107	40302	45.186	ng		98
18) Hexachloroethane	9.83	117	21456	46.025	ng	#	82
19) n-Nitroso-di-n-propylamine	9.52	70	32118	41.889	ng	#	93
20) 3+4-Methylphenols	9.48	107	55072	44.019	ng		97
22) Acetophenone	9.55	105	73795	41.104	ng	#	89
24) Nitrobenzene	9.95	77	41791	35.246	ng	#	84
25) Isophorone	10.47	82	74920	35.883	ng	#	81
26) 2-Nitrophenol	10.68	139	31840m	44.422	ng		
27) 2,4-Dimethylphenol	10.71	122	46630	45.326	ng	#	90
28) bis(2-Chloroethoxy)methane	10.96	93	53233	46.495	ng	#	97
29) 2,4-Dichlorophenol	11.23	162	57928	42.505	ng		86
30) 1,2,4-Trichlorobenzene	11.44	180	72758	40.056	ng		94
31) Naphthalene	11.64	128	159476	42.633	ng		98
32) Benzoic acid	10.77	122	4122m	11.839	ng		
33) 4-Chloroaniline	11.74	127	39212	23.503	ng		95
34) Hexachlorobutadiene	11.90	225	50422	35.679	ng		93
35) Caprolactam	12.47	113	15818	40.431	ng	#	44
36) 4-Chloro-3-methylphenol	12.81	107	45655	35.317	ng		91
37) 2-Methylnaphthalene	13.20	142	134356	42.753	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	72891	29.897	ng		96
40) Hexachlorocyclopentadiene	13.53	237	96244	63.180	ng		87

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	44017	33.191 ng		94
43) 2,4,5-Trichlorophenol	13.86	196	52242	33.793 ng	#	89
45) 1,1'-Biphenyl	14.18	154	146154	33.195 ng		91
46) 2-Chloronaphthalene	14.23	162	112613	32.632 ng		99
47) 2-Nitroaniline	14.43	65	24478	32.075 ng	#	65
48) Acenaphthylene	15.07	152	177711	34.064 ng		99
49) Dimethylphthalate	14.77	163	173552	36.117 ng		99
50) 2,6-Dinitrotoluene	14.90	165	35768	35.464 ng	#	70
51) Acenaphthene	15.40	154	138144	38.181 ng		100
52) 3-Nitroaniline	15.24	138	25068	28.456 ng	#	68
53) 2,4-Dinitrophenol	15.44	184	9571	18.527 ng	#	75
54) Dibenzofuran	15.74	168	227312	42.447 ng		97
55) 4-Nitrophenol	15.53	139	59899	90.823 ng	#	75
56) 2,4-Dinitrotoluene	15.68	165	60783	42.328 ng	#	67
57) Fluorene	16.38	166	183433	41.221 ng		96
58) 2,3,4,6-Tetrachlorophenol	15.96	232	63945	41.938 ng	#	87
59) Diethylphthalate	16.11	149	193925	41.436 ng		97
60) 4-Chlorophenyl-phenylether	16.35	204	117851	41.998 ng		97
61) 4-Nitroaniline	16.40	138	39475	41.808 ng		84
62) Azobenzene	16.65	77	124163	44.394 ng		86
64) 4,6-Dinitro-2-methylphenol	16.44	198	33748	29.210 ng	#	72
65) n-Nitrosodiphenylamine	16.57	169	182540	39.550 ng		98
66) 4-Bromophenyl-phenylether	17.25	248	88898	38.800 ng		97
67) Hexachlorobenzene	17.38	284	96917	38.223 ng	#	90
68) Atrazine	17.49	200	84337	42.566 ng		96
69) Pentachlorophenol	17.72	266	110031	69.273 ng		97
70) Phenanthrene	18.12	178	327325	37.952 ng		98
71) Anthracene	18.21	178	264514	30.802 ng		98
72) Carbazole	18.47	167	293070	38.625 ng		98
73) Di-n-butylphthalate	18.98	149	326289	38.840 ng		99
74) Fluoranthene	20.08	202	435160	38.474 ng		95
76) Benzidine	20.24	184	121592	32.325 ng		98
77) Pyrene	20.44	202	422578	35.966 ng		98
79) Butylbenzylphthalate	21.30	149	150080	40.496 ng	#	75
80) Benzo(a)anthracene	22.38	228	449764	37.872 ng		100
81) 3,3'-Dichlorobenzidine	22.27	252	94253	20.484 ng		98
82) Chrysene	22.45	228	395995	34.528 ng		98
83) Bis(2-ethylhexyl)phthalate	22.22	149	214643	40.847 ng	#	97
84) Di-n-octyl phthalate	23.58	149	380322	45.631 ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.32	276	631941	43.556 ng	#	85
87) Benzo(b)fluoranthene	24.89	252	496336	36.997 ng	#	95
88) Benzo(k)fluoranthene	24.97	252	490846	36.934 ng	#	95
89) Benzo(a)pyrene	25.89	252	495096	38.710 ng	#	96
90) Dibenzo(a,h)anthracene	30.39	278	537756	41.101 ng	#	94
91) Benzo(g,h,i)perylene	31.65	276	536625	41.321 ng	#	90

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

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