Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031847.D
Acq On : 29 Dec 2017 5:25
Operator : SJ/JU
Sample : IDOC-01 AP
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 29 07:27:33 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
IDOC-01 AP

Manual Integrations APPROVED
Sohil
12/29/2017 1:26:07 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	55520	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	226576	20.00	ng		-0.03
38) Acenaphthene-d10	15.43	164	152302	20.00	ng		-0.03
63) Phenanthrene-d10	18.16	188	375232	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	429100	20.00	ng		-0.06
86) Perylene-d12	26.27	264	466668	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	323601	106.16	ng		-0.02
7) Phenol-d6	7.91	99	417889	105.59	ng		-0.02
23) Nitrobenzene-d5	10.00	82	229623	76.53	ng		-0.04
41) 2,4,6-Tribromophenol	16.91	330	261860	112.68	ng		-0.03
44) 2-Fluorobiphenyl	14.06	172	819562	67.54	ng		-0.03
78) Terphenyl-d14	20.70	244	1357948	72.30	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.88	88	27280	24.143	ng	#	72
3) Pyridine	4.33	79	66754	22.101	ng	#	73
4) n-Nitrosodimethylamine	4.23	42	30996	25.432	ng	#	71
6) Aniline	8.09	93	71264	13.996	ng	#	86
8) 2-Chlorophenol	8.35	128	101979	28.841	ng	#	82
9) Benzaldehyde	7.90	77	29842	12.523	ng		83
10) Phenol	7.94	94	119433	29.891	ng		89
11) bis(2-Chloroethyl)ether	8.19	93	81866	24.671	ng	#	79
12) 1,3-Dichlorobenzene	8.69	146	114682	26.118	ng	#	93
13) 1,4-Dichlorobenzene	8.84	146	116333	25.936	ng		95
14) 1,2-Dichlorobenzene	9.17	146	111697	26.281	ng		96
15) Benzyl Alcohol	9.03	79	78718	26.496	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	9.33	45	84625	31.316	ng		79
17) 2-Methylphenol	9.23	107	84852	29.680	ng		95
18) Hexachloroethane	9.93	117	35843	26.384	ng	#	82
19) n-Nitroso-di-n-propylamine	9.62	70	65573	24.261	ng	#	79
20) 3+4-Methylphenols	9.57	107	117231	28.851	ng		95
22) Acetophenone	9.65	105	146232	27.779	ng	#	86
24) Nitrobenzene	10.04	77	93544	30.249	ng	#	82
25) Isophorone	10.57	82	182776	28.297	ng	#	84
26) 2-Nitrophenol	10.77	139	62966	38.834	ng	#	78
27) 2,4-Dimethylphenol	10.80	122	109024	31.954	ng		89
28) bis(2-Chloroethoxy)methane	11.05	93	117236	27.050	ng		99
29) 2,4-Dichlorophenol	11.31	162	124745	31.144	ng		89
30) 1,2,4-Trichlorobenzene	11.54	180	133139	27.223	ng		97
31) Naphthalene	11.74	128	312672	27.344	ng		100
32) Benzoic acid	10.90	122	18055m	13.372	ng		
33) 4-Chloroaniline	11.83	127	74654	14.664	ng	#	89
34) Hexachlorobutadiene	12.01	225	89203	26.568	ng		95
35) Caprolactam	12.57	113	36362	29.949	ng	#	44
36) 4-Chloro-3-methylphenol	12.89	107	110534	29.880	ng	#	84
37) 2-Methylnaphthalene	13.30	142	259713	28.017	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	180584	28.150	ng	#	96
40) Hexachlorocyclopentadiene	13.63	237	191779	56.669	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	113372	30.652	ng		99
43) 2,4,5-Trichlorophenol	13.95	196	123405	30.107	ng	#	90
45) 1,1'-Biphenyl	14.28	154	370244	28.463	ng		95
46) 2-Chloronaphthalene	14.33	162	277930	28.012	ng		94
47) 2-Nitroaniline	14.51	65	56823	33.160	ng	#	68
48) Acenaphthylene	15.16	152	415966	26.205	ng		99
49) Dimethylphthalate	14.86	163	427045	31.828	ng		99
50) 2,6-Dinitrotoluene	14.99	165	80849	32.756	ng	#	68
51) Acenaphthene	15.50	154	272818	26.243	ng		100
52) 3-Nitroaniline	15.32	138	54634	22.688	ng	#	69
53) 2,4-Dinitrophenol	15.51	184	15530	21.030	ng	#	1
54) Dibenzofuran	15.83	168	439981	27.609	ng		96
55) 4-Nitrophenol	15.59	139	110012	56.129	ng	#	68
56) 2,4-Dinitrotoluene	15.76	165	110311	34.756	ng	#	65
57) Fluorene	16.47	166	348122	26.891	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.04	232	119685	29.928	ng	#	86
59) Diethylphthalate	16.20	149	345176	26.395	ng		97
60) 4-Chlorophenyl-phenylether	16.45	204	208541	26.327	ng		92
61) 4-Nitroaniline	16.47	138	70089	29.826	ng	#	79
62) Azobenzene	16.74	77	227072	27.075	ng		83
64) 4,6-Dinitro-2-methylphenol	16.52	198	27886	20.939	ng	#	69
65) n-Nitrosodiphenylamine	16.66	169	321419	25.791	ng		96
66) 4-Bromophenyl-phenylether	17.34	248	150477	27.732	ng		91
67) Hexachlorobenzene	17.47	284	156821	28.272	ng	#	90
68) Atrazine	17.58	200	133670	27.584	ng		98
69) Pentachlorophenol	17.80	266	166638	43.677	ng		97
70) Phenanthrene	18.21	178	576812	27.163	ng		98
71) Anthracene	18.30	178	593190	27.692	ng		100
72) Carbazole	18.55	167	510621	26.932	ng		98
73) Di-n-butylphthalate	19.06	149	566007	26.863	ng		99
74) Fluoranthene	20.17	202	725283	27.836	ng		97
76) Benzidine	20.33	184	181277	13.687	ng		98
77) Pyrene	20.53	202	731159	26.675	ng		99
79) Butylbenzylphthalate	21.39	149	254112	27.617	ng	#	78
80) Benzo(a)anthracene	22.49	228	750834	27.508	ng		98
81) 3,3'-Dichlorobenzidine	22.38	252	193903	18.322	ng	#	99
82) Chrysene	22.57	228	702813	27.213	ng		97
83) Bis(2-ethylhexyl)phthalate	22.34	149	366993	27.530	ng	#	97
84) Di-n-octyl phthalate	23.75	149	633795	28.230	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.63	276	938447	28.324	ng	#	85
87) Benzo(b)fluoranthene	25.06	252	783466	27.046	ng	#	97
88) Benzo(k)fluoranthene	25.14	252	769748	26.552	ng	#	96
89) Benzo(a)pyrene	26.09	252	775811	27.964	ng	#	96
90) Dibenzo(a,h)anthracene	30.71	278	779694	27.212	ng	#	96
91) Benzo(g,h,i)perylene	30.63	276	938447	27.741	ng	#	92

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

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