Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122917\
Data File : BG031858.D
Acq On : 29 Dec 2017 17:36
Operator : SJ/JU
Sample : IDOC-02 RJ
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC-02 RJ

Quant Time: Dec 29 18:14:12 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	60915	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	264701	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	181018	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	453664	20.00	ng		0.00
75) Chrysene-d12	22.50	240	509766	20.00	ng		-0.01
86) Perylene-d12	26.23	264	547557	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	395322	118.20	ng		0.00
7) Phenol-d6	7.89	99	520422	119.85	ng		0.00
23) Nitrobenzene-d5	9.99	82	282802	80.68	ng		0.00
41) 2,4,6-Tribromophenol	16.90	330	342662	124.06	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	1009674	70.01	ng		0.00
78) Terphenyl-d14	20.69	244	1738813	77.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	35102	28.314	ng	#	68
3) Pyridine	4.32	79	44302	13.369	ng	#	78
4) n-Nitrosodimethylamine	4.22	42	41281	30.870	ng	#	75
6) Aniline	8.08	93	97308	17.418	ng	#	88
8) 2-Chlorophenol	8.34	128	148884	38.377	ng	#	80
9) Benzaldehyde	7.88	77	41910	16.029	ng		84
10) Phenol	7.92	94	174201	39.737	ng		88
11) bis(2-Chloroethyl)ether	8.17	93	119461	32.812	ng	#	82
12) 1,3-Dichlorobenzene	8.68	146	159638	33.136	ng	#	92
13) 1,4-Dichlorobenzene	8.82	146	162043	32.927	ng		94
14) 1,2-Dichlorobenzene	9.16	146	156523	33.566	ng		95
15) Benzyl Alcohol	9.02	79	116068	35.608	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.32	45	122772	41.409	ng		82
17) 2-Methylphenol	9.22	107	120245	38.334	ng		95
18) Hexachloroethane	9.91	117	50140	33.639	ng		93
19) n-Nitroso-di-n-propylamine	9.60	70	94577	31.893	ng	#	81
20) 3+4-Methylphenols	9.56	107	166853	37.427	ng		92
22) Acetophenone	9.63	105	207890	33.804	ng	#	87
24) Nitrobenzene	10.03	77	134238	37.156	ng	#	81
25) Isophorone	10.56	82	268163	35.536	ng	#	84
26) 2-Nitrophenol	10.76	139	89075	47.024	ng	#	80
27) 2,4-Dimethylphenol	10.79	122	154708	38.812	ng		92
28) bis(2-Chloroethoxy)methane	11.03	93	173969	34.358	ng	#	94
29) 2,4-Dichlorophenol	11.30	162	180512	38.575	ng		89
30) 1,2,4-Trichlorobenzene	11.53	180	186726	32.681	ng		95
31) Naphthalene	11.73	128	457023	34.211	ng		98
32) Benzoic acid	10.88	122	56924	24.716	ng	#	78
33) 4-Chloroaniline	11.81	127	104258	17.530	ng	#	91
34) Hexachlorobutadiene	11.99	225	124982	31.863	ng		96
35) Caprolactam	12.57	113	56236	39.647	ng	#	46
36) 4-Chloro-3-methylphenol	12.89	107	163224	37.768	ng	#	76
37) 2-Methylnaphthalene	13.28	142	377395	34.849	ng		89
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	256980	33.704	ng	#	97
40) Hexachlorocyclopentadiene	13.61	237	279843	69.573	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	169056	38.456	ng		97
43) 2,4,5-Trichlorophenol	13.93	196	181856	37.329	ng	#	90
45) 1,1'-Biphenyl	14.26	154	541741	35.040	ng		97
46) 2-Chloronaphthalene	14.31	162	406033	34.431	ng		96
47) 2-Nitroaniline	14.50	65	87808	43.113	ng	#	60
48) Acenaphthylene	15.15	152	620873	32.909	ng		99
49) Dimethylphthalate	14.85	163	610967	38.312	ng		100
50) 2,6-Dinitrotoluene	14.97	165	122519	41.764	ng	#	69
51) Acenaphthene	15.49	154	462765	37.453	ng		96
52) 3-Nitroaniline	15.30	138	77361	27.029	ng	#	75
53) 2,4-Dinitrophenol	15.50	184	138539	108.189	ng	#	68
54) Dibenzofuran	15.81	168	653023	34.478	ng		97
55) 4-Nitrophenol	15.59	139	200885	86.235	ng	#	68
56) 2,4-Dinitrotoluene	15.75	165	171847	45.556	ng	#	62
57) Fluorene	16.46	166	521851	33.916	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.03	232	190672	40.115	ng	#	85
59) Diethylphthalate	16.19	149	528567	34.007	ng		96
60) 4-Chlorophenyl-phenylether	16.43	204	309098	32.832	ng		92
61) 4-Nitroaniline	16.46	138	109074	39.052	ng	#	77
62) Azobenzene	16.73	77	347138	34.825	ng		83
64) 4,6-Dinitro-2-methylphenol	16.51	198	99449	45.569	ng	#	67
65) n-Nitrosodiphenylamine	16.64	169	489306	32.475	ng		97
66) 4-Bromophenyl-phenylether	17.32	248	227730	34.714	ng		95
67) Hexachlorobenzene	17.45	284	237093	35.354	ng	#	88
68) Atrazine	17.57	200	214377	36.591	ng		99
69) Pentachlorophenol	17.79	266	319828	69.336	ng		99
70) Phenanthrene	18.19	178	882742	34.383	ng		99
71) Anthracene	18.28	178	904818	34.937	ng		99
72) Carbazole	18.54	167	798983	34.856	ng		100
73) Di-n-butylphthalate	19.05	149	895444	35.151	ng		99
74) Fluoranthene	20.15	202	1112490	35.315	ng		96
76) Benzidine	20.31	184	193857	12.321	ng		98
77) Pyrene	20.51	202	1114877	34.238	ng		97
79) Butylbenzylphthalate	21.38	149	399128	36.513	ng	#	74
80) Benzo(a)anthracene	22.48	228	1120989	34.570	ng		99
81) 3,3'-Dichlorobenzidine	22.36	252	285812	22.733	ng	#	97
82) Chrysene	22.55	228	1046818	34.119	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	554875	35.037	ng	#	98
84) Di-n-octyl phthalate	23.72	149	953553	35.752	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.56	276	1415026	35.950	ng	#	88
87) Benzo(b)fluoranthene	25.03	252	1193728	35.121	ng	#	97
88) Benzo(k)fluoranthene	25.12	252	1143978	33.631	ng	#	98
89) Benzo(a)pyrene	26.06	252	1152730	35.412	ng	#	96
90) Dibenzo(a,h)anthracene	30.66	278	1179616	35.087	ng		97
91) Benzo(g,h,i)perylene	30.56	276	1415026	35.649	ng	#	92

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

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