Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032408.D
Acq On : 29 Jan 2018 10:35
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Quant Time: Jan 29 12:59:20 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 12:57:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	21820	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	92466	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	70682	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	200099	20.00	ng		0.00
75) Chrysene-d12	22.42	240	262482	20.00	ng		0.00
86) Perylene-d12	26.10	264	275130	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	20652	17.31	ng		0.00
7) Phenol-d6	7.82	99	27661	18.41	ng		0.00
23) Nitrobenzene-d5	9.92	82	29165	21.34	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	26783	22.90	ng		0.00
44) 2-Fluorobiphenyl	13.98	172	117818	20.67	ng		0.00
78) Terphenyl-d14	20.63	244	255601	21.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	3871	8.446	ng	#	69
3) Pyridine	4.27	79	9336	7.631	ng	#	77
4) n-Nitrosodimethylamine	4.17	42	4778	11.116	ng	#	63
6) Aniline	8.02	93	17086	9.015	ng		93
8) 2-Chlorophenol	8.26	128	12549	9.400	ng		79
9) Benzaldehyde	7.82	77	8495	9.758	ng		87
10) Phenol	7.86	94	12675	8.563	ng		83
11) bis(2-Chloroethyl)ether	8.10	93	10375	8.749	ng		81
12) 1,3-Dichlorobenzene	8.61	146	17044	9.755	ng		96
13) 1,4-Dichlorobenzene	8.76	146	16289	9.259	ng		93
14) 1,2-Dichlorobenzene	9.09	146	16798	9.872	ng		94
15) Benzyl Alcohol	8.95	79	11744	10.759	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.25	45	9501	7.884	ng		71
17) 2-Methylphenol	9.16	107	10734	9.489	ng	#	90
18) Hexachloroethane	9.84	117	5900	10.912	ng	#	89
19) n-Nitroso-di-n-propylamine	9.53	70	9333	10.011	ng	#	82
20) 3+4-Methylphenols	9.49	107	14594	9.313	ng		92
22) Acetophenone	9.56	105	21727	10.344	ng	#	97
24) Nitrobenzene	9.96	77	13488	9.894	ng	#	82
25) Isophorone	10.48	82	24306	9.551	ng	#	90
26) 2-Nitrophenol	10.68	139	8372	10.364	ng	#	81
27) 2,4-Dimethylphenol	10.73	122	12378	9.656	ng		97
28) bis(2-Chloroethoxy)methane	10.97	93	14247	9.292	ng	#	90
29) 2,4-Dichlorophenol	11.23	162	15819	10.029	ng		86
30) 1,2,4-Trichlorobenzene	11.45	180	21650	10.628	ng	#	97
31) Naphthalene	11.65	128	44060	9.619	ng		98
32) Benzoic acid	10.80	122	5542	5.887	ng	#	70
33) 4-Chloroaniline	11.75	127	20403	10.387	ng	#	93
34) Hexachlorobutadiene	11.92	225	17293	11.819	ng	#	81
35) Caprolactam	12.46	113	4860	10.156	ng	#	47
36) 4-Chloro-3-methylphenol	12.82	107	16049	11.116	ng		92
37) 2-Methylnaphthalene	13.22	142	37952	10.436	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	31812	10.325	ng	#	95
40) Hexachlorocyclopentadiene	13.55	237	17757	10.233	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	17273	9.978	ng		99
43) 2,4,5-Trichlorophenol	13.87	196	20671	10.316	ng	#	90
45) 1,1'-Biphenyl	14.20	154	59021	9.740	ng		93
46) 2-Chloronaphthalene	14.25	162	45401	9.631	ng		98
47) 2-Nitroaniline	14.43	65	10292	11.405	ng	#	84
48) Acenaphthylene	15.09	152	69615	9.698	ng		98
49) Dimethylphthalate	14.78	163	66733	10.789	ng	#	98
50) 2,6-Dinitrotoluene	14.91	165	13325	10.379	ng	#	68
51) Acenaphthene	15.42	154	47627	10.034	ng		93
52) 3-Nitroaniline	15.24	138	12065	10.405	ng	#	80
53) 2,4-Dinitrophenol	15.45	184	5508	10.205	ng	#	66
54) Dibenzofuran	15.75	168	75468	10.658	ng	#	96
55) 4-Nitrophenol	15.52	139	8442	9.990	ng	#	79
56) 2,4-Dinitrotoluene	15.69	165	19163	11.087	ng	#	75
57) Fluorene	16.40	166	62602	10.780	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.96	232	20670	11.151	ng	#	83
59) Diethylphthalate	16.12	149	66168	11.035	ng		96
60) 4-Chlorophenyl-phenylether	16.37	204	38041	10.679	ng		94
61) 4-Nitroaniline	16.40	138	13460	12.101	ng		88
62) Azobenzene	16.66	77	38891	10.362	ng		88
64) 4,6-Dinitro-2-methylphenol	16.45	198	12866	10.805	ng		78
65) n-Nitrosodiphenylamine	16.58	169	57212	9.422	ng		96
66) 4-Bromophenyl-phenylether	17.26	248	28253	9.924	ng		92
67) Hexachlorobenzene	17.39	284	32371	10.277	ng	#	88
68) Atrazine	17.51	200	26052	10.202	ng		98
69) Pentachlorophenol	17.73	266	17476	8.680	ng		95
70) Phenanthrene	18.13	178	111571	10.015	ng		99
71) Anthracene	18.22	178	111136	10.002	ng		99
72) Carbazole	18.48	167	100705	10.447	ng		98
73) Di-n-butylphthalate	18.99	149	111616	9.799	ng		99
74) Fluoranthene	20.10	202	159992	11.470	ng		95
76) Benzidine	20.26	184	55619	8.474	ng		97
77) Pyrene	20.46	202	163293	9.896	ng		98
79) Butylbenzylphthalate	21.31	149	48211	8.155	ng	#	80
80) Benzo(a)anthracene	22.39	228	165294	10.126	ng		99
81) 3,3'-Dichlorobenzidine	22.29	252	60702	9.955	ng	#	97
82) Chrysene	22.47	228	158951	10.139	ng		96
83) Bis(2-ethylhexyl)phthalate	22.24	149	67310	7.764	ng	#	98
84) Di-n-octyl phthalate	23.61	149	108387	7.872	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.34	276	190878	9.949	ng	#	80
87) Benzo(b)fluoranthene	24.91	252	164435	9.888	ng	#	93
88) Benzo(k)fluoranthene	24.99	252	164718	10.136	ng	#	96
89) Benzo(a)pyrene	25.91	252	153854	9.780	ng	#	95
90) Dibenzo(a,h)anthracene	30.42	278	159592	10.528	ng	#	90
91) Benzo(g,h,i)perylene	31.67	276	157308	10.153	ng	#	90

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

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