Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122917\
Data File : BG031868.D
Acq On : 29 Dec 2017 23:50
Operator : SJ/JU
Sample : IDOC-04-W RM
Misc : WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC-04-W RM

Quant Time: Dec 31 23:30:35 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	51175	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	225148	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	156289	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	398404	20.00	ng		-0.01
75) Chrysene-d12	22.50	240	425759	20.00	ng		-0.01
86) Perylene-d12	26.23	264	454211	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	173761	61.84	ng		0.00
7) Phenol-d6	7.89	99	138315	37.92	ng		0.00
23) Nitrobenzene-d5	9.99	82	315546	105.83	ng		0.00
41) 2,4,6-Tribromophenol	16.90	330	375008	157.25	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	1107246	88.92	ng		0.00
78) Terphenyl-d14	20.69	244	1910506	102.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	13944	13.388	ng	#	74
3) Pyridine	4.32	79	32363	11.625	ng	#	79
4) n-Nitrosodimethylamine	4.22	42	15855	14.113	ng	#	81
6) Aniline	8.08	93	94298	20.092	ng	#	87
8) 2-Chlorophenol	8.34	128	117202	35.961	ng	#	78
9) Benzaldehyde	7.88	77	45388	20.663	ng		85
10) Phenol	7.91	94	44182	11.996	ng		91
11) bis(2-Chloroethyl)ether	8.17	93	120404	39.365	ng	#	78
12) 1,3-Dichlorobenzene	8.67	146	138048	34.108	ng	#	94
13) 1,4-Dichlorobenzene	8.82	146	140684	34.028	ng		94
14) 1,2-Dichlorobenzene	9.16	146	135869	34.682	ng		94
15) Benzyl Alcohol	9.02	79	66733	24.369	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.31	45	125025	50.194	ng		80
17) 2-Methylphenol	9.22	107	75915	28.808	ng		96
18) Hexachloroethane	9.91	117	40818	32.597	ng		86
19) n-Nitroso-di-n-propylamine	9.60	70	98877	39.689	ng	#	82
20) 3+4-Methylphenols	9.55	107	92370	24.663	ng		94
22) Acetophenone	9.63	105	221479	42.341	ng	#	85
24) Nitrobenzene	10.03	77	136898	44.549	ng	#	83
25) Isophorone	10.55	82	282464	44.007	ng	#	87
26) 2-Nitrophenol	10.76	139	77793	48.283	ng	#	79
27) 2,4-Dimethylphenol	10.79	122	130878	38.602	ng		91
28) bis(2-Chloroethoxy)methane	11.03	93	178569	41.462	ng	#	95
29) 2,4-Dichlorophenol	11.30	162	165093	41.478	ng		89
30) 1,2,4-Trichlorobenzene	11.52	180	172759	35.548	ng		99
31) Naphthalene	11.72	128	436639	38.427	ng		99
33) 4-Chloroaniline	11.81	127	152677	30.181	ng	#	89
34) Hexachlorobutadiene	11.99	225	107717	32.285	ng		92
35) Caprolactam	12.54	113	7090	5.877	ng	#	37
36) 4-Chloro-3-methylphenol	12.88	107	142961	38.891	ng	#	77
37) 2-Methylnaphthalene	13.28	142	386249	41.932	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	265313	40.303	ng	#	96
40) Hexachlorocyclopentadiene	13.61	237	284983	82.061	ng		93
42) 2,4,6-Trichlorophenol	13.86	196	167974	44.256	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.93	196	180595	42.935	ng	#	90
45) 1,1'-Biphenyl	14.26	154	558808	41.863	ng		96
46) 2-Chloronaphthalene	14.31	162	415317	40.791	ng		96
47) 2-Nitroaniline	14.49	65	94266	53.607	ng	#	70
48) Acenaphthylene	15.15	152	653209	40.101	ng		100
49) Dimethylphthalate	14.85	163	574412	41.719	ng		99
50) 2,6-Dinitrotoluene	14.98	165	132068	52.142	ng	#	63
51) Acenaphthene	15.49	154	424960	39.835	ng		98
52) 3-Nitroaniline	15.30	138	96883	39.206	ng	#	70
53) 2,4-Dinitrophenol	15.50	184	40229	41.453	ng	#	22
54) Dibenzofuran	15.81	168	696128	42.569	ng		96
55) 4-Nitrophenol	15.57	139	45252	22.499	ng	#	68
56) 2,4-Dinitrotoluene	15.75	165	183747	56.417	ng	#	62
57) Fluorene	16.46	166	555128	41.787	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.02	232	191765	46.729	ng	#	85
59) Diethylphthalate	16.19	149	558530	41.620	ng		95
60) 4-Chlorophenyl-phenylether	16.43	204	330680	40.682	ng		91
61) 4-Nitroaniline	16.46	138	114690	47.560	ng	#	77
62) Azobenzene	16.73	77	365370	42.454	ng		82
64) 4,6-Dinitro-2-methylphenol	16.51	198	58438	33.240	ng	#	63
65) n-Nitrosodiphenylamine	16.64	169	523662	39.576	ng		98
66) 4-Bromophenyl-phenylether	17.33	248	241179	41.863	ng		94
67) Hexachlorobenzene	17.45	284	250602	42.551	ng	#	89
68) Atrazine	17.57	200	222002	43.148	ng		99
69) Pentachlorophenol	17.79	266	269756	66.592	ng		99
70) Phenanthrene	18.20	178	937815	41.594	ng		99
71) Anthracene	18.28	178	962886	42.336	ng		99
72) Carbazole	18.54	167	833825	41.421	ng		99
73) Di-n-butylphthalate	19.05	149	933522	41.728	ng		99
74) Fluoranthene	20.15	202	1153049	41.679	ng		97
76) Benzidine	20.31	184	546385	41.578	ng		98
77) Pyrene	20.51	202	1159848	42.647	ng		97
79) Butylbenzylphthalate	21.37	149	404018	44.253	ng	#	77
80) Benzo(a)anthracene	22.47	228	1141434	42.146	ng		98
81) 3,3'-Dichlorobenzidine	22.36	252	408083	38.863	ng	#	95
82) Chrysene	22.55	228	1068646	41.703	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	551570	41.701	ng	#	97
84) Di-n-octyl phthalate	23.72	149	948383	42.574	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.56	276	1417553	43.120	ng	#	87
87) Benzo(b)fluoranthene	25.03	252	1184178	42.000	ng	#	97
88) Benzo(k)fluoranthene	25.11	252	1173065	41.574	ng	#	97
89) Benzo(a)pyrene	26.06	252	1155885	42.806	ng	#	97
90) Dibenzo(a,h)anthracene	30.66	278	1183310	42.431	ng		96
91) Benzo(g,h,i)perylene	30.56	276	1417553	43.052	ng	#	95

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

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