Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122917\
Data File : BG031867.D
Acq On : 29 Dec 2017 23:13
Operator : SJ/JU
Sample : IDOC-03-W RM
Misc : WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC-03-W RM

Quant Time: Dec 31 23:23:54 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	55786	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	236266	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	164515	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	403706	20.00	ng		0.00
75) Chrysene-d12	22.50	240	429567	20.00	ng		0.00
86) Perylene-d12	26.23	264	460928	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	267219	87.25	ng		0.00
7) Phenol-d6	7.89	99	216406	54.42	ng		0.00
23) Nitrobenzene-d5	9.99	82	341386	109.11	ng		0.00
41) 2,4,6-Tribromophenol	16.90	330	402022	160.15	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	1180314	90.05	ng		0.00
78) Terphenyl-d14	20.68	244	1936473	102.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	14482	12.755	ng	#	73
3) Pyridine	4.35	79	63	0.021	ng	#	1
4) n-Nitrosodimethylamine	4.22	42	16166	13.201	ng	#	81
8) 2-Chlorophenol	8.33	128	151970	42.774	ng	#	82
9) Benzaldehyde	7.88	77	39906	16.666	ng	#	78
10) Phenol	7.92	94	68876	17.156	ng		92
11) bis(2-Chloroethyl)ether	8.17	93	131663	39.488	ng	#	81
12) 1,3-Dichlorobenzene	8.67	146	151201	34.270	ng	#	94
13) 1,4-Dichlorobenzene	8.82	146	154912	34.372	ng		93
14) 1,2-Dichlorobenzene	9.15	146	153270	35.890	ng		96
15) Benzyl Alcohol	9.02	79	57233	19.172	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.32	45	136781	50.375	ng		79
17) 2-Methylphenol	9.22	107	107988	37.592	ng		93
18) Hexachloroethane	9.92	117	44527	32.620	ng	#	85
19) n-Nitroso-di-n-propylamine	9.60	70	107731	39.669	ng	#	82
20) 3+4-Methylphenols	9.55	107	135018	33.071	ng		95
22) Acetophenone	9.63	105	241271	43.954	ng	#	86
24) Nitrobenzene	10.03	77	150264	46.598	ng	#	77
25) Isophorone	10.55	82	303249	45.022	ng	#	85
26) 2-Nitrophenol	10.76	139	100656	59.533	ng	#	81
27) 2,4-Dimethylphenol	10.79	122	172905	48.598	ng		86
28) bis(2-Chloroethoxy)methane	11.03	93	193485	42.811	ng	#	96
29) 2,4-Dichlorophenol	11.30	162	199504	47.765	ng		89
30) 1,2,4-Trichlorobenzene	11.53	180	194294	38.098	ng		99
31) Naphthalene	11.73	128	485072	40.681	ng		99
32) Benzoic acid	10.86	122	28960	16.966	ng	#	73
33) 4-Chloroaniline	11.82	127	3036	0.572	ng	#	78
34) Hexachlorobutadiene	11.99	225	121483	34.698	ng		96
35) Caprolactam	12.55	113	6860	5.418	ng	#	50
36) 4-Chloro-3-methylphenol	12.88	107	178108	46.172	ng	#	82
37) 2-Methylnaphthalene	13.28	142	419823	43.432	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	283514	40.914	ng	#	97
40) Hexachlorocyclopentadiene	13.61	237	332466	90.947	ng		92
42) 2,4,6-Trichlorophenol	13.86	196	191574	47.950	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.93	196	202843	45.813	ng	#	93
45) 1,1'-Biphenyl	14.26	154	599548	42.669	ng		94
46) 2-Chloronaphthalene	14.31	162	451557	42.132	ng		96
47) 2-Nitroaniline	14.49	65	97264	52.546	ng	#	63
48) Acenaphthylene	15.15	152	696727	40.634	ng		98
49) Dimethylphthalate	14.85	163	605697	41.792	ng	#	98
50) 2,6-Dinitrotoluene	14.98	165	136681	51.265	ng	#	65
51) Acenaphthene	15.49	154	504879	44.960	ng		95
52) 3-Nitroaniline	15.30	138	30873	11.869	ng	#	65
53) 2,4-Dinitrophenol	15.50	184	132433	113.400	ng	#	68
54) Dibenzofuran	15.81	168	726943	42.230	ng		99
55) 4-Nitrophenol	15.58	139	88101	41.613	ng	#	64
56) 2,4-Dinitrotoluene	15.75	165	192534	56.159	ng	#	61
57) Fluorene	16.46	166	574784	41.103	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.02	232	208475	48.261	ng	#	84
59) Diethylphthalate	16.19	149	581142	41.140	ng		96
60) 4-Chlorophenyl-phenylether	16.43	204	349375	40.833	ng		94
61) 4-Nitroaniline	16.46	138	99674	39.267	ng	#	76
62) Azobenzene	16.73	77	381803	42.145	ng		83
64) 4,6-Dinitro-2-methylphenol	16.51	198	101637	51.102	ng	#	65
65) n-Nitrosodiphenylamine	16.64	169	535610	39.947	ng		99
66) 4-Bromophenyl-phenylether	17.33	248	254691	43.628	ng		93
67) Hexachlorobenzene	17.45	284	259931	43.556	ng	#	92
68) Atrazine	17.57	200	225739	43.298	ng		98
69) Pentachlorophenol	17.78	266	337711	82.273	ng		97
70) Phenanthrene	18.20	178	957257	41.899	ng		99
71) Anthracene	18.28	178	985820	42.775	ng		98
72) Carbazole	18.54	167	854727	41.902	ng		99
73) Di-n-butylphthalate	19.05	149	955151	42.134	ng		99
74) Fluoranthene	20.15	202	1184421	42.251	ng		97
76) Benzidine	20.31	184	3311	0.250	ng		94
77) Pyrene	20.51	202	1195255	43.560	ng		97
79) Butylbenzylphthalate	21.37	149	420638	45.665	ng	#	77
80) Benzo(a)anthracene	22.47	228	1176985	43.073	ng		99
81) 3,3'-Dichlorobenzidine	22.36	252	64659	6.103	ng		99
82) Chrysene	22.55	228	1108231	42.865	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	580879	43.527	ng	#	97
84) Di-n-octyl phthalate	23.72	149	988185	43.968	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.56	276	1475721	44.492	ng	#	85
87) Benzo(b)fluoranthene	25.03	252	1218940	42.603	ng	#	97
88) Benzo(k)fluoranthene	25.11	252	1208918	42.220	ng	#	97
89) Benzo(a)pyrene	26.05	252	1193933	43.571	ng	#	97
90) Dibenzo(a,h)anthracene	30.65	278	1221104	43.148	ng		97
91) Benzo(g,h,i)perylene	30.56	276	1475721	44.166	ng	#	93

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

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