Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122917\
Data File : BG031855.D
Acq On : 29 Dec 2017 15:43
Operator : SJ/JU
Sample : IDOC-03 RM
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC-03 RM

Quant Time: Dec 29 17:27:18 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	58545	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	253015	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	168953	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	415392	20.00	ng	0.00
75) Chrysene-d12	22.50	240	458304	20.00	ng	-0.01
86) Perylene-d12	26.23	264	491745	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	473770	147.39	ng	0.00
7) Phenol-d6	7.89	99	629050	150.73	ng	0.00
23) Nitrobenzene-d5	9.99	82	341507	101.92	ng	0.00
41) 2,4,6-Tribromophenol	16.90	330	401297	155.66	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	1191603	88.52	ng	0.00
78) Terphenyl-d14	20.69	244	1916760	95.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.86	88	39692	33.312	ng	# 71
3) Pyridine	4.32	79	97087	30.483	ng	# 78
4) n-Nitrosodimethylamine	4.22	42	50744	39.483	ng	# 69
6) Aniline	8.08	93	123539	23.009	ng	90
8) 2-Chlorophenol	8.34	128	169956	45.582	ng	# 80
9) Benzaldehyde	7.89	77	51055	20.317	ng	84
10) Phenol	7.92	94	197688	46.920	ng	91
11) bis(2-Chloroethyl)ether	8.18	93	138312	39.528	ng	# 80
12) 1,3-Dichlorobenzene	8.67	146	184027	39.745	ng	# 92
13) 1,4-Dichlorobenzene	8.82	146	186043	39.334	ng	92
14) 1,2-Dichlorobenzene	9.16	146	182362	40.690	ng	97
15) Benzyl Alcohol	9.02	79	134170	42.827	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	9.32	45	144349	50.657	ng	82
17) 2-Methylphenol	9.22	107	139581	46.300	ng	95
18) Hexachloroethane	9.92	117	58420	40.781	ng	# 86
19) n-Nitroso-di-n-propylamine	9.60	70	110589	38.802	ng	# 80
20) 3+4-Methylphenols	9.56	107	194157	45.315	ng	94
22) Acetophenone	9.63	105	244299	41.559	ng	# 86
24) Nitrobenzene	10.03	77	155737	45.098	ng	# 84
25) Isophorone	10.56	82	310345	43.026	ng	# 84
26) 2-Nitrophenol	10.76	139	102941	56.854	ng	# 81
27) 2,4-Dimethylphenol	10.79	122	179007	46.983	ng	89
28) bis(2-Chloroethoxy)methane	11.04	93	198863	41.089	ng	# 94
29) 2,4-Dichlorophenol	11.30	162	209091	46.746	ng	90
30) 1,2,4-Trichlorobenzene	11.53	180	217537	39.832	ng	97
31) Naphthalene	11.73	128	526480	41.231	ng	99
32) Benzoic acid	10.90	122	84999	34.846	ng	# 76
33) 4-Chloroaniline	11.81	127	118461	20.838	ng	# 89
34) Hexachlorobutadiene	11.99	225	144306	38.488	ng	98
35) Caprolactam	12.57	113	66879	49.328	ng	# 44
36) 4-Chloro-3-methylphenol	12.89	107	187391	45.362	ng	# 80
37) 2-Methylnaphthalene	13.28	142	433416	41.870	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	293410	41.230	ng	# 97
40) Hexachlorocyclopentadiene	13.61	237	334398	89.073	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	191034	46.559	ng		99
43) 2,4,5-Trichlorophenol	13.93	196	202346	44.501	ng	#	90
45) 1,1'-Biphenyl	14.26	154	614030	42.552	ng		96
46) 2-Chloronaphthalene	14.32	162	465044	42.251	ng		95
47) 2-Nitroaniline	14.50	65	101149	53.209	ng	#	60
48) Acenaphthylene	15.15	152	703598	39.957	ng		99
49) Dimethylphthalate	14.85	163	678669	45.597	ng		99
50) 2,6-Dinitrotoluene	14.98	165	137329	50.155	ng	#	62
51) Acenaphthene	15.49	154	525245	45.545	ng		97
52) 3-Nitroaniline	15.30	138	79859	29.894	ng	#	74
53) 2,4-Dinitrophenol	15.50	184	155595	128.634	ng	#	77
54) Dibenzofuran	15.81	168	724483	40.982	ng		98
55) 4-Nitrophenol	15.59	139	215706	99.209	ng	#	69
56) 2,4-Dinitrotoluene	15.76	165	192388	54.643	ng	#	61
57) Fluorene	16.46	166	581214	40.471	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.03	232	211262	47.621	ng	#	85
59) Diethylphthalate	16.20	149	575026	39.638	ng		94
60) 4-Chlorophenyl-phenylether	16.44	204	355002	40.401	ng		91
61) 4-Nitroaniline	16.46	138	117902	45.228	ng	#	77
62) Azobenzene	16.73	77	386837	41.579	ng		84
64) 4,6-Dinitro-2-methylphenol	16.51	198	103554	50.682	ng	#	71
65) n-Nitrosodiphenylamine	16.64	169	543448	39.391	ng		100
66) 4-Bromophenyl-phenylether	17.32	248	255376	42.514	ng		94
67) Hexachlorobenzene	17.45	284	259038	42.185	ng	#	91
68) Atrazine	17.57	200	233514	43.530	ng		98
69) Pentachlorophenol	17.79	266	342999	81.210	ng		98
70) Phenanthrene	18.19	178	968636	41.204	ng		99
71) Anthracene	18.29	178	991675	41.819	ng		100
72) Carbazole	18.54	167	855666	40.768	ng		99
73) Di-n-butylphthalate	19.05	149	959420	41.132	ng		99
74) Fluoranthene	20.16	202	1181968	40.977	ng		96
76) Benzidine	20.31	184	310173	21.927	ng		99
77) Pyrene	20.51	202	1187042	40.548	ng		97
79) Butylbenzylphthalate	21.38	149	423757	43.119	ng	#	75
80) Benzo(a)anthracene	22.48	228	1200009	41.162	ng		99
81) 3,3'-Dichlorobenzidine	22.36	252	311643	27.571	ng	#	96
82) Chrysene	22.55	228	1130552	40.986	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	595495	41.824	ng	#	98
84) Di-n-octyl phthalate	23.72	149	1014915	42.325	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.57	276	1514075	42.786	ng	#	90
87) Benzo(b)fluoranthene	25.03	252	1273557	41.722	ng	#	98
88) Benzo(k)fluoranthene	25.12	252	1226989	40.166	ng	#	96
89) Benzo(a)pyrene	26.06	252	1241216	42.458	ng	#	97
90) Dibenzo(a,h)anthracene	30.66	278	1255613	41.587	ng	#	96
91) Benzo(g,h,i)perylene	30.57	276	1514075	42.474	ng	#	93

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

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