Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
Data File : BG027895.D
Acq On : 10 Jul 2017 20:08
Operator : SJ/JU
Sample : I4071-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMS

Manual Integrations APPROVED
mohammad
7/11/2017 3:34:40 PM

Quant Time: Jul 11 13:16:59 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 17:43:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	44418	20.00	ng	0.00
21) Naphthalene-d8	11.23	136	210804	20.00	ng	-0.02
38) Acenaphthene-d10	15.02	164	138158	20.00	ng	0.00
63) Phenanthrene-d10	17.77	188	314298	20.00	ng	0.00
75) Chrysene-d12	22.11	240	354067	20.00	ng	-0.02
86) Perylene-d12	25.67	264	314883	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	364059	126.21	ng	0.00
7) Phenol-d6	7.57	99	483025	109.61	ng	0.00
23) Nitrobenzene-d5	9.58	82	288554	76.30	ng	-0.02
41) 2,4,6-Tribromophenol	16.50	330	312558	164.94	ng	-0.02
44) 2-Fluorobiphenyl	13.63	172	831905	86.00	ng	-0.02
78) Terphenyl-d14	20.34	244	1303593	86.31	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.97	88	35897	33.426	ng	# 70
3) Pyridine	4.38	79	94262	28.506	ng	# 61
4) n-Nitrosodimethylamine	4.26	42	33063	20.389	ng	# 1
6) Aniline	7.77	93	39907	7.813	ng	# 88
8) 2-Chlorophenol	7.99	128	141112	43.780	ng	# 79
9) Benzaldehyde	7.56	77	72465	27.636	ng	# 72
10) Phenol	7.59	94	162638	37.305	ng	# 65
11) bis(2-Chloroethyl)ether	7.82	93	196708	59.400	ng	# 68
12) 1,3-Dichlorobenzene	8.31	146	117764	34.349	ng	# 88
13) 1,4-Dichlorobenzene	8.45	146	120365	33.882	ng	93
14) 1,2-Dichlorobenzene	8.78	146	121188	35.183	ng	90
15) Benzyl Alcohol	8.65	79	84727	27.794	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	8.93	45	146288	20.711	ng	81
17) 2-Methylphenol	8.85	107	122739	39.794	ng	# 81
18) Hexachloroethane	9.50	117	39827	31.871	ng	# 83
19) n-Nitroso-di-n-propylamine	9.21	70	105678	32.964	ng	# 70
20) 3+4-Methylphenols	9.18	107	173862	39.088	ng	85
22) Acetophenone	9.24	105	206367	40.568	ng	# 73
24) Nitrobenzene	9.63	77	143868	36.387	ng	# 76
25) Isophorone	10.14	82	313338	38.011	ng	# 91
26) 2-Nitrophenol	10.34	139	75927	42.514	ng	# 63
27) 2,4-Dimethylphenol	10.38	122	154883	46.303	ng	85
28) bis(2-Chloroethoxy)methane	10.61	93	189761	40.603	ng	# 96
29) 2,4-Dichlorophenol	10.89	162	140444	47.909	ng	95
30) 1,2,4-Trichlorobenzene	11.09	180	120289	40.234	ng	97
31) Naphthalene	11.28	128	446534	39.832	ng	98
32) Benzoic acid	10.51	122	56390	31.351	ng	# 76
33) 4-Chloroaniline	11.46	127	40994	8.464	ng	# 83
34) Hexachlorobutadiene	11.56	225	60151	36.108	ng	97
35) Caprolactam	12.18	113	47568m	32.262	ng	
36) 4-Chloro-3-methylphenol	12.48	107	169178	41.013	ng	# 80
37) 2-Methylnaphthalene	12.86	142	349897	41.904	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	13.22	216	156133	43.006	ng	98
40) Hexachlorocyclopentadiene	13.19	237	156304	91.314	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.45	196	119011	45.387	ng		94
43) 2,4,5-Trichlorophenol	13.54	196	131649	44.310	ng	#	90
45) 1,1'-Biphenyl	13.85	154	475188	42.911	ng		98
46) 2-Chloronaphthalene	13.90	162	349334	41.759	ng		96
47) 2-Nitroaniline	14.10	65	107335	32.055	ng	#	53
48) Acenaphthylene	14.74	152	611709	40.018	ng		98
49) Dimethylphthalate	14.46	163	498485	42.295	ng		98
50) 2,6-Dinitrotoluene	14.58	165	110352	43.072	ng	#	62
51) Acenaphthene	15.08	154	387729	39.576	ng		96
52) 3-Nitroaniline	14.92	138	71580	23.748	ng	#	73
53) 2,4-Dinitrophenol	15.12	184	124719	87.768	ng	#	72
54) Dibenzofuran	15.41	168	595770	45.989	ng		90
55) 4-Nitrophenol	15.22	139	155674	67.660	ng	#	37
56) 2,4-Dinitrotoluene	15.37	165	152504	42.676	ng	#	72
57) Fluorene	16.06	166	536742	42.732	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.64	232	121279	47.353	ng	#	96
59) Diethylphthalate	15.81	149	522604	40.045	ng		98
60) 4-Chlorophenyl-phenylether	16.04	204	244182	43.915	ng		93
61) 4-Nitroaniline	16.08	138	123737	39.405	ng	#	49
62) Azobenzene	16.33	77	455053	39.681	ng		81
64) 4,6-Dinitro-2-methylphenol	16.13	198	79843	41.625	ng		81
65) n-Nitrosodiphenylamine	16.26	169	463925	45.376	ng		99
66) 4-Bromophenyl-phenylether	16.94	248	161733	49.200	ng		98
67) Hexachlorobenzene	17.07	284	181956	52.266	ng	#	85
68) Atrazine	17.20	200	129742	40.194	ng		96
69) Pentachlorophenol	17.41	266	188573	84.468	ng		97
70) Phenanthrene	17.81	178	816163	44.981	ng		95
71) Anthracene	17.89	178	809455	44.178	ng		96
72) Carbazole	18.16	167	692504	38.377	ng	#	93
73) Di-n-butylphthalate	18.69	149	791532	39.917	ng	#	92
74) Fluoranthene	19.80	202	832907	42.002	ng		92
76) Benzidine	19.97	184	200194	25.378	ng		97
77) Pyrene	20.16	202	851791	38.334	ng		96
79) Butylbenzylphthalate	21.03	149	379177	37.889	ng		86
80) Benzo(a)anthracene	22.09	228	866214	40.465	ng		95
81) 3,3'-Dichlorobenzidine	21.99	252	206098	26.527	ng	#	98
82) Chrysene	22.17	228	809124	40.326	ng		96
83) Bis(2-ethylhexyl)phthalate	21.94	149	550943	37.673	ng	#	99
84) Di-n-octyl phthalate	23.27	149	946385	39.170	ng	#	82
85) Indeno(1,2,3-cd)pyrene	29.77	276	1042644	45.466	ng	#	86
87) Benzo(b)fluoranthene	24.53	252	878251	43.292	ng	#	96
88) Benzo(k)fluoranthene	24.61	252	880191	43.894	ng	#	92
89) Benzo(a)pyrene	25.50	252	845999	44.443	ng	#	92
90) Dibenzo(a,h)anthracene	29.84	278	897122	46.521	ng	#	92
91) Benzo(g,h,i)perylene	31.06	276	836627	45.142	ng	#	85

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

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