Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
Data File : BG027241.D
Acq On : 6 Jun 2017 9:42
Operator : SJ/MA
Sample : I3398-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-COMPMS

Manual Integrations APPROVED
mohammad
6/8/2017 8:24:12 AM

Quant Time: Jun 06 18:18:50 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	52750	20.00	ng	-0.01
21) Naphthalene-d8	11.39	136	247489	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	157456	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	369831	20.00	ng	-0.01
75) Chrysene-d12	22.30	240	421783	20.00	ng	-0.01
86) Perylene-d12	25.99	264	390065	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	570314	164.98	ng	0.00
7) Phenol-d6	7.70	99	805947	158.83	ng	0.00
23) Nitrobenzene-d5	9.73	82	438197	111.35	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	341121	164.52	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	1076681	95.66	ng	0.00
78) Terphenyl-d14	20.48	244	1538929	93.08	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	4.16	88	51315	35.801	ng	# 79
3) Pyridine	4.54	79	149067	33.736	ng	# 71
4) n-Nitrosodimethylamine	4.45	42	74098	45.291	ng	# 54
6) Aniline	7.89	93	139705	21.863	ng	# 92
8) 2-Chlorophenol	8.14	128	182342	49.954	ng	88
9) Benzaldehyde	7.71	77	29164	8.313	ng	94
10) Phenol	7.73	94	284212	54.770	ng	77
11) bis(2-Chloroethyl)ether	7.98	93	177040	41.587	ng	# 82
12) 1,3-Dichlorobenzene	8.46	146	171893	41.752	ng	# 92
13) 1,4-Dichlorobenzene	8.61	146	175289	41.486	ng	96
14) 1,2-Dichlorobenzene	8.93	146	172682	41.902	ng	92
15) Benzyl Alcohol	8.79	79	174946	48.932	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	9.09	45	241891	39.711	ng	92
17) 2-Methylphenol	8.98	107	172375	46.993	ng	# 86
18) Hexachloroethane	9.66	117	60183	42.284	ng	89
19) n-Nitroso-di-n-propylamine	9.36	70	151847	42.776	ng	# 84
20) 3+4-Methylphenols	9.30	107	240034	47.240	ng	88
22) Acetophenone	9.39	105	281392	44.460	ng	# 82
24) Nitrobenzene	9.77	77	208371	46.477	ng	# 87
25) Isophorone	10.30	82	404749	43.740	ng	# 96
26) 2-Nitrophenol	10.49	139	93779	50.327	ng	# 74
27) 2,4-Dimethylphenol	10.52	122	199473	50.136	ng	92
28) bis(2-Chloroethoxy)methane	10.77	93	260120	43.413	ng	99
29) 2,4-Dichlorophenol	11.02	162	186498	51.346	ng	97
30) 1,2,4-Trichlorobenzene	11.24	180	178786	44.454	ng	98
31) Naphthalene	11.44	128	571323	42.239	ng	100
32) Benzoic acid	10.59	122	23350	15.090	ng	# 79
33) 4-Chloroaniline	11.54	127	76055	13.494	ng	# 85
34) Hexachlorobutadiene	11.71	225	104786	42.393	ng	100
35) Caprolactam	12.31	113	64374m	51.677	ng	
36) 4-Chloro-3-methylphenol	12.61	107	220811	48.505	ng	92
37) 2-Methylnaphthalene	13.01	142	428170	43.396	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	210553	42.924	ng	99
40) Hexachlorocyclopentadiene	13.34	237	220055	84.288	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	154643	51.978	ng		96
43) 2,4,5-Trichlorophenol	13.66	196	161090	48.386	ng		95
45) 1,1'-Biphenyl	13.99	154	564806	43.946	ng		98
46) 2-Chloronaphthalene	14.04	162	430402	44.667	ng		99
47) 2-Nitroaniline	14.23	65	134785	49.018	ng	#	78
48) Acenaphthylene	14.88	152	690291	42.330	ng		98
49) Dimethylphthalate	14.59	163	750995	60.125	ng		98
50) 2,6-Dinitrotoluene	14.71	165	119217	47.101	ng	#	76
51) Acenaphthene	15.22	154	498139	46.961	ng		99
52) 3-Nitroaniline	15.04	138	62578	26.426	ng		90
53) 2,4-Dinitrophenol	15.24	184	100733	81.627	ng		97
54) Dibenzofuran	15.55	168	689086	46.487	ng		92
55) 4-Nitrophenol	15.33	139	218971	91.828	ng	#	55
56) 2,4-Dinitrotoluene	15.50	165	164942	50.400	ng	#	84
57) Fluorene	16.20	166	564380	42.866	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.76	232	155888	52.453	ng		100
59) Diethylphthalate	15.94	149	576509	46.273	ng		98
60) 4-Chlorophenyl-phenylether	16.18	204	286305	43.170	ng		94
61) 4-Nitroaniline	16.21	138	127654	47.471	ng	#	65
62) Azobenzene	16.47	77	568194	49.206	ng		90
64) 4,6-Dinitro-2-methylphenol	16.26	198	89860	52.778	ng		91
65) n-Nitrosodiphenylamine	16.39	169	507267	43.751	ng		98
66) 4-Bromophenyl-phenylether	17.08	248	190015	43.410	ng		98
67) Hexachlorobenzene	17.20	284	202079	42.922	ng		91
68) Atrazine	17.33	200	184679	47.632	ng		97
69) Pentachlorophenol	17.54	266	250522	90.778	ng		96
70) Phenanthrene	17.95	178	882632	42.419	ng		96
71) Anthracene	18.04	178	905102	43.419	ng		99
72) Carbazole	18.30	167	809581	41.176	ng		95
73) Di-n-butylphthalate	18.83	149	962781	50.500	ng	#	94
74) Fluoranthene	19.93	202	1014610	45.644	ng		95
76) Benzidine	20.10	184	294204	23.155	ng		96
77) Pyrene	20.30	202	1032458	40.513	ng		97
79) Butylbenzylphthalate	21.18	149	427673	47.494	ng		94
80) Benzo(a)anthracene	22.27	228	1037355	43.127	ng		97
81) 3,3'-Dichlorobenzidine	22.17	252	196419	20.990	ng	#	96
82) Chrysene	22.35	228	937228	40.584	ng		97
83) Bis(2-ethylhexyl)phthalate	22.14	149	622122	45.716	ng		99
84) Di-n-octyl phthalate	23.53	149	1052678	46.706	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.27	276	1212950	43.369	ng	#	93
87) Benzo(b)fluoranthene	24.81	252	1060732	43.847	ng	#	97
88) Benzo(k)fluoranthene	24.89	252	1006717	42.419	ng	#	93
89) Benzo(a)pyrene	25.82	252	997143	43.786	ng	#	96
90) Dibenzo(a,h)anthracene	30.36	278	1038387	43.558	ng	#	95
91) Benzo(g,h,i)perylene	31.61	276	989913	42.877	ng	#	91

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

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