Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG062217\
Data File : BG027606.D
Acq On : 22 Jun 2017 21:33
Operator : SJ/JU
Sample : I3802-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-02-062017MS

Manual Integrations APPROVED
mohammad
6/26/2017 8:29:37 AM

Quant Time: Jun 23 02:46:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	20942	20.00	ng		0.00
21) Naphthalene-d8	11.33	136	99758	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	64830	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	170743	20.00	ng		0.00
75) Chrysene-d12	22.21	240	199876	20.00	ng		0.00
86) Perylene-d12	25.84	264	185865	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	193763	131.68	ng		0.00
7) Phenol-d6	7.65	99	246780	113.29	ng		0.00
23) Nitrobenzene-d5	9.67	82	189878	90.07	ng		0.00
41) 2,4,6-Tribromophenol	16.58	330	154881	160.25	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	428832	90.36	ng		0.00
78) Terphenyl-d14	20.41	244	826388	97.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.10	88	19160	33.54	ng		94
3) Pyridine	4.49	79	48077	26.00	ng	#	81
4) n-Nitrosodimethylamine	4.38	42	36001	42.65	ng		83
6) Aniline	7.84	93	59328	22.32	ng		97
8) 2-Chlorophenol	8.07	128	70534	45.30	ng		94
9) Benzaldehyde	7.65	77	38383	25.93	ng		96
10) Phenol	7.67	94	85344	38.46	ng		95
11) bis(2-Chloroethyl)ether	7.91	93	67527	38.88	ng		92
12) 1,3-Dichlorobenzene	8.40	146	62174	37.83	ng		98
13) 1,4-Dichlorobenzene	8.54	146	62818	37.86	ng		98
14) 1,2-Dichlorobenzene	8.86	146	62774	38.50	ng		95
15) Benzyl Alcohol	8.73	79	81588	46.91	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.02	45	96896	33.62	ng		86
17) 2-Methylphenol	8.92	107	63307	40.54	ng		95
18) Hexachloroethane	9.59	117	24584	37.78	ng		89
19) n-Nitroso-di-n-propylamine	9.29	70	65790	38.02	ng		88
20) 3+4-Methylphenols	9.25	107	86855	40.63	ng		94
22) Acetophenone	9.32	105	117615	42.99	ng	#	91
24) Nitrobenzene	9.71	77	95914	41.51	ng		97
25) Isophorone	10.23	82	178378	41.18	ng		97
26) 2-Nitrophenol	10.43	139	38065	44.53	ng		96
27) 2,4-Dimethylphenol	10.46	122	73704	45.66	ng		98
28) bis(2-Chloroethoxy)methane	10.70	93	99092	40.59	ng		99
29) 2,4-Dichlorophenol	10.96	162	69872	50.11	ng		96
30) 1,2,4-Trichlorobenzene	11.18	180	68304	42.85	ng		96
31) Naphthalene	11.37	128	221973	41.17	ng		98
32) Benzoic acid	10.58	122	44687	40.36	ng		86
33) 4-Chloroaniline	11.49	127	8238	3.60	ng	#	92
34) Hexachlorobutadiene	11.64	225	41922	43.52	ng		96
35) Caprolactam	12.25	113	22506m	34.63	ng		
36) 4-Chloro-3-methylphenol	12.55	107	100893	47.18	ng		98
37) 2-Methylnaphthalene	12.94	142	171191	43.69	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	90454	44.49	ng	#	97
40) Hexachlorocyclopentadiene	13.28	237	107768	98.90	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	64207	48.87	ng		97
43) 2,4,5-Trichlorophenol	13.61	196	71955	46.61	ng		97
45) 1,1'-Biphenyl	13.92	154	233180	43.14	ng		98
46) 2-Chloronaphthalene	13.98	162	173956	43.27	ng		91
47) 2-Nitroaniline	14.17	65	78261	43.36	ng		94
48) Acenaphthylene	14.82	152	291069	41.32	ng		97
49) Dimethylphthalate	14.53	163	262433	46.23	ng		96
50) 2,6-Dinitrotoluene	14.65	165	58649	47.62	ng		93
51) Acenaphthene	15.16	154	200281	40.80	ng		97
52) 3-Nitroaniline	14.99	138	27229	20.94	ng		96
53) 2,4-Dinitrophenol	15.19	184	72530	104.18	ng	#	80
54) Dibenzofuran	15.49	168	296486	46.37	ng		97
55) 4-Nitrophenol	15.28	139	91051	83.65	ng	#	80
56) 2,4-Dinitrotoluene	15.44	165	85070	48.71	ng	#	96
57) Fluorene	16.13	166	259047	42.78	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.71	232	72885	53.62	ng		92
59) Diethylphthalate	15.88	149	285284	46.06	ng		96
60) 4-Chlorophenyl-phenylether	16.11	204	135069	45.33	ng		94
61) 4-Nitroaniline	16.15	138	61814	43.34	ng		91
62) Azobenzene	16.41	77	291712	45.93	ng		94
64) 4,6-Dinitro-2-methylphenol	16.20	198	50038	46.15	ng		82
65) n-Nitrosodiphenylamine	16.33	169	231705	44.27	ng		99
66) 4-Bromophenyl-phenylether	17.01	248	90193	48.03	ng		91
67) Hexachlorobenzene	17.14	284	94906	47.29	ng		94
68) Atrazine	17.27	200	91331	47.63	ng		97
69) Pentachlorophenol	17.48	266	123006	98.68	ng		96
70) Phenanthrene	17.88	178	438375	45.13	ng		93
71) Anthracene	17.98	178	447181	45.73	ng		95
72) Carbazole	18.24	167	385470	40.46	ng		96
73) Di-n-butylphthalate	18.76	149	498926	46.74	ng	#	95
74) Fluoranthene	19.87	202	517388	45.72	ng		95
77) Pyrene	20.24	202	529471	43.58	ng		94
79) Butylbenzylphthalate	21.11	149	230084	45.37	ng		97
80) Benzo(a)anthracene	22.18	228	531651	44.33	ng		94
81) 3,3'-Dichlorobenzidine	22.08	252	107474	24.79	ng		99
82) Chrysene	22.26	228	494173	43.49	ng		94
83) Bis(2-ethylhexyl)phthalate	22.04	149	330584	44.47	ng		99
84) Di-n-octyl phthalate	23.39	149	561454	45.41	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.03	276	602230	46.51	ng		98
87) Benzo(b)fluoranthene	24.68	252	529889	44.59	ng	#	97
88) Benzo(k)fluoranthene	24.76	252	517244	44.49	ng	#	94
89) Benzo(a)pyrene	25.67	252	502041	44.77	ng	#	94
90) Dibenzo(a,h)anthracene	30.11	278	519808	45.50	ng	#	98
91) Benzo(g,h,i)perylene	31.35	276	491647	44.31	ng	#	91

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

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