Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
Data File : BG027401.D
Acq On : 14 Jun 2017 00:58
Operator : SJ/MA
Sample : I3629-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MS

Manual Integrations APPROVED
mohammad
6/14/2017 4:24:07 PM

Quant Time: Jun 14 07:34:49 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	8.55	152	51485	20.00	ng		-0.03
21) Naphthalene-d8	11.36	136	231944	20.00	ng		-0.04
38) Acenaphthene-d10	15.12	164	140997	20.00	ng		-0.04
63) Phenanthrene-d10	17.87	188	343565	20.00	ng		-0.04
75) Chrysene-d12	22.25	240	422423	20.00	ng		-0.06
86) Perylene-d12	25.92	264	395964	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	515494	152.79	ng		-0.02
7) Phenol-d6	7.68	99	684536	138.22	ng		-0.02
23) Nitrobenzene-d5	9.70	82	446784	121.14	ng		-0.04
41) 2,4,6-Tribromophenol	16.61	330	319940	172.32	ng		-0.04
44) 2-Fluorobiphenyl	13.75	172	937107	92.98	ng		-0.04
78) Terphenyl-d14	20.45	244	1672699	101.01	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	4.15	88	64828	46.34	ng		94
3) Pyridine	4.54	79	203565	47.20	ng	#	80
4) n-Nitrosodimethylamine	4.44	42	88524	55.44	ng	#	55
6) Aniline	7.88	93	250169	40.11	ng		97
8) 2-Chlorophenol	8.11	128	181704	51.00	ng		95
9) Benzaldehyde	7.69	77	69167	20.20	ng		91
10) Phenol	7.71	94	242079	47.80	ng		80
11) bis(2-Chloroethyl)ether	7.95	93	211758	50.97	ng		88
12) 1,3-Dichlorobenzene	8.43	146	178756	44.49	ng		93
13) 1,4-Dichlorobenzene	8.58	146	182448	44.24	ng		98
14) 1,2-Dichlorobenzene	8.90	146	177013	44.01	ng		98
15) Benzyl Alcohol	8.77	79	188324	53.97	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	9.05	45	332936	56.00	ng		95
17) 2-Methylphenol	8.96	107	171185	47.82	ng	#	87
18) Hexachloroethane	9.63	117	66735	48.04	ng		84
19) n-Nitroso-di-n-propylamine	9.33	70	170839	49.31	ng	#	86
20) 3+4-Methylphenols	9.28	107	232095	46.80	ng		90
22) Acetophenone	9.36	105	293804	49.53	ng	#	87
24) Nitrobenzene	9.75	77	235786	56.12	ng	#	90
25) Isophorone	10.26	82	452760	52.21	ng	#	96
26) 2-Nitrophenol	10.46	139	90696	51.71	ng	#	84
27) 2,4-Dimethylphenol	10.50	122	189685	50.87	ng		95
28) bis(2-Chloroethoxy)methane	10.73	93	275043	48.98	ng		99
29) 2,4-Dichlorophenol	10.99	162	172886	50.79	ng		96
30) 1,2,4-Trichlorobenzene	11.21	180	170248	45.17	ng		98
31) Naphthalene	11.41	128	587306	46.33	ng		99
32) Benzoic acid	10.57	122	41571	21.45	ng		92
33) 4-Chloroaniline	11.52	127	38400	7.27	ng		92
34) Hexachlorobutadiene	11.68	225	105026	45.34	ng		97
35) Caprolactam	12.28	113	59197m	50.71	ng		
36) 4-Chloro-3-methylphenol	12.58	107	225269	52.80	ng		95
37) 2-Methylnaphthalene	12.98	142	410415	44.38	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.33	216	200008	45.53	ng		98
40) Hexachlorocyclopentadiene	13.31	237	254991	109.07	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.56	196	140633	52.79	ng		97
43) 2,4,5-Trichlorophenol	13.63	196	157196	52.73	ng		96
45) 1,1'-Biphenyl	13.96	154	533605	46.37	ng		97
46) 2-Chloronaphthalene	14.00	162	408612	47.36	ng		98
47) 2-Nitroaniline	14.20	65	162918	63.78	ng		89
48) Acenaphthylene	14.84	152	661762	45.32	ng		98
49) Dimethylphthalate	14.56	163	548311	49.02	ng		98
50) 2,6-Dinitrotoluene	14.68	165	115796	50.61	ng		85
51) Acenaphthene	15.19	154	447685	47.13	ng		100
52) 3-Nitroaniline	15.02	138	72308	32.44	ng		96
53) 2,4-Dinitrophenol	15.21	184	68762	67.66	ng		97
54) Dibenzofuran	15.51	168	655710	49.40	ng		94
55) 4-Nitrophenol	15.30	139	196600	92.05	ng	#	62
56) 2,4-Dinitrotoluene	15.47	165	166188	55.83	ng	#	90
57) Fluorene	16.16	166	544943	46.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.73	232	146978	55.23	ng		96
59) Diethylphthalate	15.91	149	573370	51.39	ng		96
60) 4-Chlorophenyl-phenylether	16.14	204	275198	46.34	ng		96
61) 4-Nitroaniline	16.18	138	140916	57.15	ng	#	70
62) Azobenzene	16.44	77	617622	59.73	ng		89
64) 4,6-Dinitro-2-methylphenol	16.23	198	68399	45.67	ng		80
65) n-Nitrosodiphenylamine	16.36	169	489221	45.42	ng		98
66) 4-Bromophenyl-phenylether	17.04	248	185262	45.56	ng		97
67) Hexachlorobenzene	17.17	284	198528	45.39	ng		91
68) Atrazine	17.30	200	190946	53.01	ng		98
69) Pentachlorophenol	17.51	266	230354	89.85	ng		94
70) Phenanthrene	17.91	178	899607	46.54	ng		96
71) Anthracene	18.01	178	914092	47.20	ng		99
72) Carbazole	18.27	167	847097	46.38	ng		96
73) Di-n-butylphthalate	18.79	149	1039366	58.68	ng	#	94
74) Fluoranthene	19.90	202	1085053	52.55	ng		93
76) Benzidine	20.07	184	1045975	82.20	ng		99
77) Pyrene	20.27	202	1121943	43.96	ng		98
79) Butylbenzylphthalate	21.14	149	491887	54.54	ng		96
80) Benzo(a)anthracene	22.23	228	1149315	47.71	ng		95
81) 3,3'-Dichlorobenzidine	22.12	252	209990	22.41	ng	#	98
82) Chrysene	22.31	228	1076223	46.53	ng		97
83) Bis(2-ethylhexyl)phthalate	22.08	149	699948	51.36	ng		98
84) Di-n-octyl phthalate	23.45	149	1194154	52.90	ng	#	92
85) Indeno(1,2,3-cd)pyrene	30.16	276	1361574	48.61	ng	#	89
87) Benzo(b)fluoranthene	24.75	252	1160196	47.24	ng	#	96
88) Benzo(k)fluoranthene	24.83	252	1152161	47.82	ng	#	93
89) Benzo(a)pyrene	25.75	252	1124617	48.65	ng	#	94
90) Dibenzo(a,h)anthracene	30.23	278	1164263	48.11	ng	#	95
91) Benzo(g,h,i)perylene	31.49	276	1107647	47.26	ng	#	90

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

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