Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062417\
Data File : BG027651.D
Acq On : 24 Jun 2017 9:28
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/29/2017 4:42:32 PM

Quant Time: Jun 26 04:50:01 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	8.50	152	20436	20.00	ng		0.00
21) Naphthalene-d8	11.32	136	101139	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	68890	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	181156	20.00	ng		0.00
75) Chrysene-d12	22.21	240	213254	20.00	ng		0.00
86) Perylene-d12	25.84	264	189985	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	114126	79.48	ng		0.00
7) Phenol-d6	7.64	99	173643	81.69	ng		0.00
23) Nitrobenzene-d5	9.67	82	182183	85.24	ng		0.00
41) 2,4,6-Tribromophenol	16.58	330	95072	92.57	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	444501	88.14	ng		0.00
78) Terphenyl-d14	20.41	244	797277	88.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.09	88	20293	36.401	ng		88
3) Pyridine	4.47	79	65144	36.097	ng	#	84
4) n-Nitrosodimethylamine	4.38	42	34566	41.968	ng	#	89
6) Aniline	7.83	93	99108	38.204	ng		97
8) 2-Chlorophenol	8.07	128	65134	42.870	ng		90
9) Benzaldehyde	7.65	77	55524	38.440	ng		91
10) Phenol	7.67	94	86129	39.774	ng		97
11) bis(2-Chloroethyl)ether	7.91	93	66015	38.949	ng		88
12) 1,3-Dichlorobenzene	8.40	146	65609	40.908	ng		93
13) 1,4-Dichlorobenzene	8.54	146	69117	42.686	ng		96
14) 1,2-Dichlorobenzene	8.86	146	66678	41.906	ng		96
15) Benzyl Alcohol	8.73	79	70912	41.782	ng		97
16) 2,2'-oxybis(1-Chloropropan	9.01	45	89184	31.714	ng		85
17) 2-Methylphenol	8.93	107	61075	40.081	ng		90
18) Hexachloroethane	9.60	117	27148	42.755	ng		86
19) n-Nitroso-di-n-propylamine	9.30	70	64987	38.489	ng		94
20) 3+4-Methylphenols	9.24	107	88374	42.359	ng		88
22) Acetophenone	9.32	105	117780	42.465	ng	#	89
24) Nitrobenzene	9.71	77	96741	41.292	ng		93
25) Isophorone	10.23	82	179529	40.882	ng		96
26) 2-Nitrophenol	10.42	139	37714	43.520	ng		99
27) 2,4-Dimethylphenol	10.46	122	68753	42.011	ng		90
28) bis(2-Chloroethoxy)methane	10.70	93	97684	39.467	ng		98
29) 2,4-Dichlorophenol	10.96	162	66544	47.075	ng		97
30) 1,2,4-Trichlorobenzene	11.18	180	73026	45.186	ng		98
31) Naphthalene	11.38	128	235439	43.069	ng		98
32) Benzoic acid	10.59	122	47851	42.187	ng		90
33) 4-Chloroaniline	11.47	127	101139	43.624	ng		95
34) Hexachlorobutadiene	11.65	225	48895	50.064	ng		99
35) Caprolactam	12.25	113	29262	44.416	ng	#	80
36) 4-Chloro-3-methylphenol	12.55	107	100285	46.260	ng		99
37) 2-Methylnaphthalene	12.94	142	179475	45.177	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	98865	45.764	ng		99
40) Hexachlorocyclopentadiene	13.27	237	51666	44.619	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	64742	46.378	ng		97
43) 2,4,5-Trichlorophenol	13.60	196	75827	46.224	ng		99
45) 1,1'-Biphenyl	13.93	154	242436	42.205	ng		98
46) 2-Chloronaphthalene	13.97	162	182454	42.707	ng		94
47) 2-Nitroaniline	14.17	65	79609	41.508	ng		90
48) Acenaphthylene	14.81	152	318602	42.559	ng		98
49) Dimethylphthalate	14.53	163	255170	42.303	ng		98
50) 2,6-Dinitrotoluene	14.65	165	58998	45.076	ng		95
51) Acenaphthene	15.15	154	224545	43.048	ng		97
52) 3-Nitroaniline	14.99	138	59564	43.114	ng		91
53) 2,4-Dinitrophenol	15.19	184	32941	44.529	ng		89
54) Dibenzofuran	15.48	168	290636	42.779	ng		99
55) 4-Nitrophenol	15.27	139	45609	39.431	ng	#	79
56) 2,4-Dinitrotoluene	15.44	165	86529	46.622	ng	#	98
57) Fluorene	16.13	166	283885	44.120	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.71	232	69752	48.288	ng		93
59) Diethylphthalate	15.88	149	284778	43.267	ng		96
60) 4-Chlorophenyl-phenylether	16.11	204	143669	45.374	ng		95
61) 4-Nitroaniline	16.15	138	66173	43.657	ng		92
62) Azobenzene	16.41	77	269008	39.859	ng		96
64) 4,6-Dinitro-2-methylphenol	16.20	198	50057	43.512	ng		82
65) n-Nitrosodiphenylamine	16.33	169	239588	43.143	ng		97
66) 4-Bromophenyl-phenylether	17.01	248	93648	47.003	ng	#	88
67) Hexachlorobenzene	17.14	284	95525	44.865	ng		95
68) Atrazine	17.26	200	89725	44.104	ng		96
69) Pentachlorophenol	17.48	266	57277	43.307	ng		95
70) Phenanthrene	17.88	178	439155	42.613	ng		94
71) Anthracene	17.97	178	448583	43.232	ng		97
72) Carbazole	18.24	167	424663	42.010	ng		95
73) Di-n-butylphthalate	18.76	149	480986	42.467	ng		96
74) Fluoranthene	19.87	202	528148	43.988	ng		94
76) Benzidine	20.04	184	182098	34.792	ng		96
77) Pyrene	20.24	202	543372	41.916	ng		94
79) Butylbenzylphthalate	21.11	149	221657	40.967	ng		97
80) Benzo(a)anthracene	22.19	228	538937	42.121	ng		94
81) 3,3'-Dichlorobenzidine	22.08	252	200005	43.234	ng		99
82) Chrysene	22.26	228	511178	42.163	ng		94
83) Bis(2-ethylhexyl)phthalate	22.03	149	318052	40.103	ng		97
84) Di-n-octyl phthalate	23.39	149	533695	40.457	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.04	276	581319	42.075	ng	#	91
87) Benzo(b)fluoranthene	24.68	252	542733	44.681	ng		96
88) Benzo(k)fluoranthene	24.76	252	546266m	45.966	ng		
89) Benzo(a)pyrene	25.67	252	516355	45.043	ng	#	94
90) Dibenzo(a,h)anthracene	30.11	278	510005	43.678	ng	#	97
91) Benzo(g,h,i)perylene	31.36	276	486038	42.854	ng	#	92

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

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