Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051617\
Data File : BM010055.D
Acq On : 16 May 2017 16:08
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/17/2017 5:46:33 PM

Quant Time: May 17 05:39:55 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	38803	20.00	ng		-0.02
21) Naphthalene-d8	10.55	136	189974	20.00	ng		-0.03
38) Acenaphthene-d10	14.41	164	124768	20.00	ng		-0.03
63) Phenanthrene-d10	17.17	188	322077	20.00	ng		-0.03
75) Chrysene-d12	21.36	240	441138	20.00	ng		-0.03
86) Perylene-d12	23.64	264	341582	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	218743	88.22	ng		-0.02
7) Phenol-d6	6.93	99	344688	86.76	ng		-0.04
23) Nitrobenzene-d5	8.93	82	472684	90.93	ng		-0.03
41) 2,4,6-Tribromophenol	15.92	330	140621	82.35	ng		-0.02
44) 2-Fluorobiphenyl	13.02	172	743334	79.67	ng		-0.03
78) Terphenyl-d14	19.79	244	1798804	85.94	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	42911	46.71	ng	#	100
3) Pyridine	3.68	79	153858	45.44	ng	#	80
4) n-Nitrosodimethylamine	3.60	42	121746	65.65	ng	#	45
6) Aniline	7.10	93	224057	43.43	ng	#	86
8) 2-Chlorophenol	7.32	128	114206	42.43	ng	#	73
9) Benzaldehyde	6.92	77	134470	45.22	ng	#	73
10) Phenol	6.96	94	183971	42.61	ng		96
11) bis(2-Chloroethyl)ether	7.19	93	138698	41.32	ng	#	74
12) 1,3-Dichlorobenzene	7.64	146	126940	42.24	ng	#	78
13) 1,4-Dichlorobenzene	7.79	146	126939	41.22	ng	#	88
14) 1,2-Dichlorobenzene	8.10	146	129018	43.22	ng	#	91
15) Benzyl Alcohol	8.01	79	153477	45.32	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.28	45	248106	46.57	ng		99
17) 2-Methylphenol	8.21	107	123317	43.76	ng	#	80
18) Hexachloroethane	8.82	117	67056	52.52	ng		93
19) n-Nitroso-di-n-propylamine	8.56	70	173966	48.26	ng	#	74
20) 3+4-Methylphenols	8.54	107	170704	44.49	ng	#	84
22) Acetophenone	8.59	105	239689	41.27	ng	#	76
24) Nitrobenzene	8.97	77	250266	45.24	ng	#	81
25) Isophorone	9.49	82	386993	43.26	ng	#	87
26) 2-Nitrophenol	9.67	139	66828	40.12	ng	#	6
27) 2,4-Dimethylphenol	9.73	122	127237	40.81	ng	#	75
28) bis(2-Chloroethoxy)methane	9.97	93	221265	41.05	ng		99
29) 2,4-Dichlorophenol	10.21	162	123692	40.77	ng		96
30) 1,2,4-Trichlorobenzene	10.41	180	137595	38.84	ng		99
31) Naphthalene	10.60	128	420990	40.25	ng		98
32) Benzoic acid	9.92	122	85580	41.03	ng	#	63
33) 4-Chloroaniline	10.73	127	180124	40.51	ng	#	76
34) Hexachlorobutadiene	10.86	225	98182	40.73	ng		96
35) Caprolactam	11.55	113	46305m	39.06	ng		
36) 4-Chloro-3-methylphenol	11.86	107	172865	42.64	ng	#	79
37) 2-Methylnaphthalene	12.22	142	289979	38.73	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	169867	37.41	ng	#	100
40) Hexachlorocyclopentadiene	12.55	237	32077	42.80	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.84	196	110771	39.62	ng		94
43) 2,4,5-Trichlorophenol	12.92	196	118304	38.95	ng	#	80
45) 1,1'-Biphenyl	13.23	154	421717	40.61	ng		94
46) 2-Chloronaphthalene	13.28	162	333010	40.81	ng		94
47) 2-Nitroaniline	13.51	65	193670	52.43	ng	#	53
48) Acenaphthylene	14.13	152	528487	41.13	ng		99
49) Dimethylphthalate	13.87	163	469144	42.66	ng		98
50) 2,6-Dinitrotoluene	14.01	165	93370	41.89	ng	#	15
51) Acenaphthene	14.47	154	330957	40.87	ng		99
52) 3-Nitroaniline	14.34	138	101550	42.90	ng	#	30
53) 2,4-Dinitrophenol	14.57	184	39172	35.23	ng	#	54
54) Dibenzofuran	14.81	168	512361	41.31	ng	#	88
55) 4-Nitrophenol	14.67	139	63406	40.01	ng	#	1
56) 2,4-Dinitrotoluene	14.80	165	136817	41.50	ng	#	34
57) Fluorene	15.46	166	461360	42.18	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.04	232	100538	38.32	ng	#	100
59) Diethylphthalate	15.23	149	522714	45.27	ng		99
60) 4-Chlorophenyl-phenylether	15.45	204	239528	40.11	ng		97
61) 4-Nitroaniline	15.52	138	105219	43.64	ng	#	1
62) Azobenzene	15.75	77	739420	52.78	ng		76
64) 4,6-Dinitro-2-methylphenol	15.57	198	73450	36.39	ng	#	54
65) n-Nitrosodiphenylamine	15.67	169	402288	40.25	ng		95
66) 4-Bromophenyl-phenylether	16.35	248	152579	39.89	ng	#	82
67) Hexachlorobenzene	16.46	284	166912	39.31	ng	#	75
68) Atrazine	16.63	200	160214	43.87	ng		96
69) Pentachlorophenol	16.82	266	75184	39.55	ng		95
70) Phenanthrene	17.21	178	767728	41.53	ng		99
71) Anthracene	17.30	178	783960	41.57	ng		99
72) Carbazole	17.58	167	714726	42.46	ng		98
73) Di-n-butylphthalate	18.12	149	1013598	47.36	ng	#	94
74) Fluoranthene	19.23	202	993650	41.89	ng		97
76) Benzidine	19.43	184	379071	34.37	ng		97
77) Pyrene	19.59	202	1077917	41.06	ng		99
79) Butylbenzylphthalate	20.48	149	530863	48.56	ng	#	57
80) Benzo(a)anthracene	21.34	228	1073842	40.51	ng		100
81) 3,3'-Dichlorobenzidine	21.27	252	378656	38.78	ng		99
82) Chrysene	21.39	228	1010737	40.66	ng		99
83) Bis(2-ethylhexyl)phthalate	21.24	149	803942	49.25	ng		94
84) Di-n-octyl phthalate	22.13	149	1407869	50.27	ng	#	79
85) Indeno(1,2,3-cd)pyrene	25.97	276	804676	38.41	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	941478	40.70	ng	#	95
88) Benzo(k)fluoranthene	23.00	252	944465m	42.97	ng		
89) Benzo(a)pyrene	23.55	252	842112	41.29	ng		98
90) Dibenzo(a,h)anthracene	25.98	278	704424	39.14	ng	#	95
91) Benzo(g,h,i)perylene	26.70	276	664530m	40.07	ng		

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

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