Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010019.D
Acq On : 12 May 2017 11:53
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
5/12/2017 4:30:29 PM

Quant Time: May 12 14:02:22 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	62171	20.00	ng		-0.02
21) Naphthalene-d8	10.55	136	291232	20.00	ng		-0.03
38) Acenaphthene-d10	14.42	164	196368	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	474482	20.00	ng		-0.03
75) Chrysene-d12	21.36	240	555160	20.00	ng		-0.02
86) Perylene-d12	23.66	264	362817	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	334214	84.13	ng		-0.02
7) Phenol-d6	6.95	99	537141	84.38	ng		-0.02
23) Nitrobenzene-d5	8.93	82	695414	87.26	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	216045	80.39	ng		-0.02
44) 2-Fluorobiphenyl	13.03	172	1155469	78.69	ng		-0.02
78) Terphenyl-d14	19.80	244	2391491	90.79	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	56726	38.54	ng	#	100
3) Pyridine	3.68	79	219861	40.53	ng		96
4) n-Nitrosodimethylamine	3.60	42	128836	43.36	ng	#	63
6) Aniline	7.10	93	354758	42.92	ng	#	85
8) 2-Chlorophenol	7.33	128	182924	42.41	ng	#	74
9) Benzaldehyde	6.92	77	209086	43.88	ng	#	74
10) Phenol	6.97	94	285810	41.32	ng		93
11) bis(2-Chloroethyl)ether	7.19	93	222382	41.35	ng		84
12) 1,3-Dichlorobenzene	7.65	146	203176	42.20	ng	#	84
13) 1,4-Dichlorobenzene	7.79	146	203521	41.25	ng	#	94
14) 1,2-Dichlorobenzene	8.11	146	202588	42.35	ng	#	93
15) Benzyl Alcohol	8.02	79	246086	45.36	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.27	45	373687	43.78	ng		97
17) 2-Methylphenol	8.22	107	199234	44.12	ng	#	84
18) Hexachloroethane	8.82	117	95203	46.54	ng		93
19) n-Nitroso-di-n-propylamine	8.57	70	260576	45.12	ng	#	87
20) 3+4-Methylphenols	8.55	107	267902	43.58	ng		87
22) Acetophenone	8.59	105	365731	41.08	ng	#	86
24) Nitrobenzene	8.97	77	359841	42.43	ng	#	88
25) Isophorone	9.50	82	589870	43.01	ng	#	86
26) 2-Nitrophenol	9.68	139	113661	44.51	ng	#	43
27) 2,4-Dimethylphenol	9.74	122	195155	40.83	ng	#	76
28) bis(2-Chloroethoxy)methane	9.97	93	342321	41.43	ng		98
29) 2,4-Dichlorophenol	10.22	162	196419	42.23	ng		93
30) 1,2,4-Trichlorobenzene	10.42	180	216621	39.89	ng		97
31) Naphthalene	10.60	128	652185	40.68	ng		99
32) Benzoic acid	9.93	122	131178	41.03	ng	#	61
33) 4-Chloroaniline	10.73	127	282852	41.50	ng	#	75
34) Hexachlorobutadiene	10.86	225	144947	39.23	ng		96
35) Caprolactam	11.55	113	71627	39.42	ng	#	67
36) 4-Chloro-3-methylphenol	11.87	107	265239	42.68	ng	#	77
37) 2-Methylnaphthalene	12.22	142	466349	40.63	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	271090	37.93	ng	#	100
40) Hexachlorocyclopentadiene	12.55	237	49710	42.42	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	178551	40.58	ng		95
43) 2,4,5-Trichlorophenol	12.93	196	189328	39.61	ng	#	84
45) 1,1'-Biphenyl	13.24	154	662120	40.52	ng		96
46) 2-Chloronaphthalene	13.29	162	516328	40.21	ng	#	92
47) 2-Nitroaniline	13.52	65	265962	45.75	ng	#	64
48) Acenaphthylene	14.14	152	820969	40.60	ng		100
49) Dimethylphthalate	13.88	163	712322	41.15	ng		98
50) 2,6-Dinitrotoluene	14.02	165	142464	40.61	ng	#	48
51) Acenaphthene	14.48	154	503741	39.53	ng		99
52) 3-Nitroaniline	14.35	138	154860	41.57	ng	#	41
53) 2,4-Dinitrophenol	14.57	184	62266	35.50	ng	#	73
54) Dibenzofuran	14.82	168	773317	39.61	ng		92
55) 4-Nitrophenol	14.68	139	92524	37.09	ng	#	1
56) 2,4-Dinitrotoluene	14.81	165	205399	39.58	ng	#	57
57) Fluorene	15.47	166	690010	40.08	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.05	232	148988	36.08	ng	#	100
59) Diethylphthalate	15.24	149	770293	42.39	ng		98
60) 4-Chlorophenyl-phenylether	15.46	204	367424	39.09	ng		98
61) 4-Nitroaniline	15.53	138	154743	40.77	ng	#	15
62) Azobenzene	15.75	77	961548	43.61	ng		78
64) 4,6-Dinitro-2-methylphenol	15.58	198	110106	36.93	ng	#	75
65) n-Nitrosodiphenylamine	15.68	169	610467	41.46	ng		99
66) 4-Bromophenyl-phenylether	16.36	248	231470	41.07	ng	#	91
67) Hexachlorobenzene	16.47	284	250854	40.11	ng	#	88
68) Atrazine	16.64	200	229263	42.61	ng		97
69) Pentachlorophenol	16.83	266	103962	37.49	ng		95
70) Phenanthrene	17.22	178	1100047	40.39	ng		99
71) Anthracene	17.30	178	1128194	40.61	ng		98
72) Carbazole	17.59	167	1008377	40.66	ng		99
73) Di-n-butylphthalate	18.12	149	1421439	45.08	ng	#	96
74) Fluoranthene	19.23	202	1374992	39.35	ng		98
76) Benzidine	19.43	184	542537	39.09	ng		99
77) Pyrene	19.60	202	1442316	43.65	ng		99
79) Butylbenzylphthalate	20.49	149	662307	48.14	ng	#	63
80) Benzo(a)anthracene	21.34	228	1363831	40.89	ng		99
81) 3,3'-Dichlorobenzidine	21.28	252	473522	38.53	ng		98
82) Chrysene	21.40	228	1272984	40.69	ng		98
83) Bis(2-ethylhexyl)phthalate	21.24	149	990527	48.22	ng		95
84) Di-n-octyl phthalate	22.14	149	1608771	45.65	ng	#	83
85) Indeno(1,2,3-cd)pyrene	25.99	276	870956	33.03	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	1100238	44.78	ng	#	95
88) Benzo(k)fluoranthene	23.00	252	1067688	45.73	ng	#	97
89) Benzo(a)pyrene	23.56	252	894214	41.28	ng		97
90) Dibenzo(a,h)anthracene	25.99	278	766720	40.11	ng	#	95
91) Benzo(g,h,i)perylene	26.70	276	735052m	41.72	ng		

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

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