Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051017\
Data File : BM009982.D
Acq On : 10 May 2017 22:47
Operator : SJ/MA
Sample : SSTDCCC040EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
5/11/2017 4:53:56 PM

Quant Time: May 11 09:27:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 14:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	97754	20.00	ng		-0.02
21) Naphthalene-d8	10.56	136	445006	20.00	ng		-0.02
38) Acenaphthene-d10	14.42	164	275171	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	682777	20.00	ng		-0.02
75) Chrysene-d12	21.37	240	956967	20.00	ng		-0.02
86) Perylene-d12	23.66	264	824205	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	517363	84.26	ng		-0.02
7) Phenol-d6	6.95	99	823249	87.47	ng		-0.02
23) Nitrobenzene-d5	8.94	82	1012788	82.36	ng		-0.02
41) 2,4,6-Tribromophenol	15.93	330	327755	87.21	ng		-0.01
44) 2-Fluorobiphenyl	13.03	172	1869715	88.53	ng		-0.02
78) Terphenyl-d14	19.80	244	3478840	74.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	112449	47.69	ng	#	100
3) Pyridine	3.68	79	344007	42.42	ng	#	86
4) n-Nitrosodimethylamine	3.60	42	160982	30.43	ng	#	80
6) Aniline	7.11	93	553624	44.49	ng		91
8) 2-Chlorophenol	7.33	128	290039	42.43	ng		82
9) Benzaldehyde	6.92	77	306253	40.96	ng	#	78
10) Phenol	6.98	94	449127	43.59	ng		93
11) bis(2-Chloroethyl)ether	7.20	93	339361	41.38	ng		88
12) 1,3-Dichlorobenzene	7.65	146	302027	39.87	ng	#	81
13) 1,4-Dichlorobenzene	7.80	146	312413	40.01	ng	#	91
14) 1,2-Dichlorobenzene	8.12	146	308282	41.08	ng	#	90
15) Benzyl Alcohol	8.02	79	415866	47.71	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.30	45	386742	25.51	ng		89
17) 2-Methylphenol	8.22	107	293956	42.36	ng	#	81
18) Hexachloroethane	8.83	117	134972	39.01	ng		93
19) n-Nitroso-di-n-propylamine	8.58	70	383350	42.96	ng	#	91
20) 3+4-Methylphenols	8.55	107	403626	42.33	ng		90
22) Acetophenone	8.60	105	581079	41.74	ng	#	97
24) Nitrobenzene	8.98	77	540286	42.33	ng	#	86
25) Isophorone	9.50	82	937656	43.22	ng	#	88
26) 2-Nitrophenol	9.69	139	167792	40.64	ng	#	38
27) 2,4-Dimethylphenol	9.75	122	304589	41.00	ng	#	80
28) bis(2-Chloroethoxy)methane	9.98	93	502208	39.78	ng		98
29) 2,4-Dichlorophenol	10.22	162	303321	42.59	ng		94
30) 1,2,4-Trichlorobenzene	10.42	180	341715	41.05	ng		97
31) Naphthalene	10.61	128	973889	39.80	ng		99
32) Benzoic acid	9.96	122	205750	42.18	ng	#	66
33) 4-Chloroaniline	10.74	127	437984	42.44	ng	#	79
34) Hexachlorobutadiene	10.87	225	219391	37.88	ng		98
35) Caprolactam	11.57	113	115594m	42.56	ng		
36) 4-Chloro-3-methylphenol	11.87	107	395887	40.93	ng	#	79
37) 2-Methylnaphthalene	12.23	142	725174	41.96	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	406134	41.03	ng	#	100
40) Hexachlorocyclopentadiene	12.56	237	64366	34.54	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	273300	42.73	ng		97
43) 2,4,5-Trichlorophenol	12.93	196	276777	40.22	ng	#	84
45) 1,1'-Biphenyl	13.25	154	964631	41.17	ng		95
46) 2-Chloronaphthalene	13.29	162	769746	41.57	ng	#	92
47) 2-Nitroaniline	13.52	65	371909	41.59	ng	#	65
48) Acenaphthylene	14.15	152	1245453	42.85	ng		99
49) Dimethylphthalate	13.89	163	1005503	38.36	ng		99
50) 2,6-Dinitrotoluene	14.02	165	219849	43.00	ng	#	42
51) Acenaphthene	14.49	154	757756	42.25	ng		99
52) 3-Nitroaniline	14.36	138	227132	41.07	ng	#	38
53) 2,4-Dinitrophenol	14.57	184	112461	42.51	ng	#	73
54) Dibenzofuran	14.82	168	1262427	46.02	ng	#	91
55) 4-Nitrophenol	14.69	139	146999	39.56	ng	#	1
56) 2,4-Dinitrotoluene	14.82	165	329625	44.36	ng	#	62
57) Fluorene	15.47	166	1050763	43.42	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.06	232	254091	48.21	ng	#	100
59) Diethylphthalate	15.24	149	1128530	40.30	ng		96
60) 4-Chlorophenyl-phenylether	15.46	204	537470	41.85	ng		94
61) 4-Nitroaniline	15.53	138	233631	42.17	ng	#	1
62) Azobenzene	15.76	77	1645977	52.76	ng		84
64) 4,6-Dinitro-2-methylphenol	15.59	198	171927	38.66	ng		88
65) n-Nitrosodiphenylamine	15.69	169	893649	41.30	ng		99
66) 4-Bromophenyl-phenylether	16.36	248	331078	41.45	ng	#	90
67) Hexachlorobenzene	16.47	284	365713	40.20	ng	#	82
68) Atrazine	16.64	200	337050	40.67	ng		96
69) Pentachlorophenol	16.83	266	162895	43.58	ng		94
70) Phenanthrene	17.22	178	1666690	42.17	ng		99
71) Anthracene	17.31	178	1751237	43.93	ng		99
72) Carbazole	17.59	167	1598219	44.23	ng		99
73) Di-n-butylphthalate	18.13	149	2043064	39.36	ng	#	96
74) Fluoranthene	19.24	202	2169460	43.49	ng		97
76) Benzidine	19.43	184	1055529	36.56	ng		99
77) Pyrene	19.60	202	2249434	39.35	ng		99
79) Butylbenzylphthalate	20.49	149	1036093	37.59	ng	#	65
80) Benzo(a)anthracene	21.35	228	2425106	42.07	ng		99
81) 3,3'-Dichlorobenzidine	21.29	252	890250	38.86	ng		98
82) Chrysene	21.41	228	2150051	39.68	ng		98
83) Bis(2-ethylhexyl)phthalate	21.25	149	1560090	36.80	ng		94
84) Di-n-octyl phthalate	22.14	149	2667618	36.23	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.01	276	2292818	37.53	ng	#	100
87) Benzo(b)fluoranthene	22.97	252	2290147	43.60	ng	#	96
88) Benzo(k)fluoranthene	23.02	252	2220875m	43.49	ng		
89) Benzo(a)pyrene	23.57	252	2119868	43.02	ng		99
90) Dibenzo(a,h)anthracene	26.01	278	1990345	40.26	ng	#	94
91) Benzo(g,h,i)perylene	26.73	276	1748962	37.71	ng	#	91

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

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