Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
Data File : BM010040.D
Acq On : 15 May 2017 14:40
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/17/2017 2:25:05 PM

Quant Time: May 16 04:32:20 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	41868	20.00	ng		-0.02
21) Naphthalene-d8	10.55	136	197994	20.00	ng		-0.03
38) Acenaphthene-d10	14.41	164	129196	20.00	ng		-0.03
63) Phenanthrene-d10	17.17	188	339861	20.00	ng		-0.03
75) Chrysene-d12	21.36	240	484477	20.00	ng		-0.03
86) Perylene-d12	23.65	264	407669	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	219720	82.13	ng		-0.02
7) Phenol-d6	6.94	99	354476	82.69	ng		-0.03
23) Nitrobenzene-d5	8.93	82	483947	89.33	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	143583	81.20	ng		-0.02
44) 2-Fluorobiphenyl	13.02	172	766863	79.38	ng		-0.03
78) Terphenyl-d14	19.79	244	1861013	80.96	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	50064	50.51	ng	#	100
3) Pyridine	3.68	79	173121	47.39	ng	#	82
4) n-Nitrosodimethylamine	3.60	42	127080	63.51	ng	#	43
6) Aniline	7.10	93	232147	41.71	ng	#	86
8) 2-Chlorophenol	7.33	128	122541	42.19	ng	#	75
9) Benzaldehyde	6.92	77	140534	43.80	ng	#	73
10) Phenol	6.96	94	196511	42.18	ng		96
11) bis(2-Chloroethyl)ether	7.19	93	147988	40.86	ng	#	79
12) 1,3-Dichlorobenzene	7.64	146	135866	41.90	ng	#	80
13) 1,4-Dichlorobenzene	7.79	146	131977	39.72	ng	#	90
14) 1,2-Dichlorobenzene	8.10	146	131466	40.81	ng	#	90
15) Benzyl Alcohol	8.01	79	165045	45.17	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.28	45	248584	43.24	ng		96
17) 2-Methylphenol	8.21	107	128549	42.27	ng	#	80
18) Hexachloroethane	8.82	117	66108	47.99	ng		99
19) n-Nitroso-di-n-propylamine	8.57	70	174305	44.81	ng	#	79
20) 3+4-Methylphenols	8.54	107	179083	43.26	ng	#	85
22) Acetophenone	8.59	105	248753	41.10	ng	#	80
24) Nitrobenzene	8.97	77	257540	44.67	ng	#	86
25) Isophorone	9.49	82	393831	42.24	ng	#	87
26) 2-Nitrophenol	9.68	139	73862	42.55	ng	#	26
27) 2,4-Dimethylphenol	9.73	122	133009	40.93	ng	#	70
28) bis(2-Chloroethoxy)methane	9.97	93	230810	41.09	ng		99
29) 2,4-Dichlorophenol	10.21	162	125737	39.77	ng		93
30) 1,2,4-Trichlorobenzene	10.42	180	142493	38.60	ng		98
31) Naphthalene	10.60	128	436228	40.02	ng		98
32) Benzoic acid	9.92	122	87898	40.44	ng	#	63
33) 4-Chloroaniline	10.73	127	191317	41.29	ng	#	75
34) Hexachlorobutadiene	10.86	225	100363	39.95	ng		99
35) Caprolactam	11.55	113	49774m	40.29	ng		
36) 4-Chloro-3-methylphenol	11.86	107	183336	43.39	ng	#	75
37) 2-Methylnaphthalene	12.22	142	300978	38.57	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	175336	37.29	ng	#	100
40) Hexachlorocyclopentadiene	12.55	237	29398	39.86	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.84	196	113217	39.11	ng		87
43) 2,4,5-Trichlorophenol	12.93	196	122065	38.82	ng	#	84
45) 1,1'-Biphenyl	13.24	154	437974	40.73	ng		95
46) 2-Chloronaphthalene	13.28	162	351731	41.63	ng	#	92
47) 2-Nitroaniline	13.52	65	192847	50.42	ng	#	59
48) Acenaphthylene	14.13	152	559022	42.02	ng		99
49) Dimethylphthalate	13.87	163	480297	42.18	ng		99
50) 2,6-Dinitrotoluene	14.01	165	97996	42.46	ng	#	17
51) Acenaphthene	14.47	154	342479	40.85	ng		96
52) 3-Nitroaniline	14.35	138	110173	44.95	ng	#	30
53) 2,4-Dinitrophenol	14.57	184	42329	36.38	ng	#	61
54) Dibenzofuran	14.81	168	522135	40.65	ng	#	89
55) 4-Nitrophenol	14.67	139	70666	43.06	ng	#	1
56) 2,4-Dinitrotoluene	14.81	165	143617	42.07	ng	#	35
57) Fluorene	15.46	166	473094	41.77	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.05	232	105686	38.90	ng	#	100
59) Diethylphthalate	15.23	149	551464	46.12	ng		95
60) 4-Chlorophenyl-phenylether	15.46	204	242348	39.19	ng		95
61) 4-Nitroaniline	15.52	138	117182	46.93	ng	#	1
62) Azobenzene	15.75	77	731872	50.45	ng		75
64) 4,6-Dinitro-2-methylphenol	15.57	198	80166	37.44	ng	#	72
65) n-Nitrosodiphenylamine	15.68	169	414424	39.29	ng		96
66) 4-Bromophenyl-phenylether	16.35	248	155639	38.56	ng	#	86
67) Hexachlorobenzene	16.47	284	168581	37.63	ng	#	81
68) Atrazine	16.63	200	163887	42.52	ng		97
69) Pentachlorophenol	16.82	266	77322	38.70	ng		94
70) Phenanthrene	17.21	178	777627	39.86	ng		99
71) Anthracene	17.30	178	823268	41.37	ng		97
72) Carbazole	17.58	167	745496	41.97	ng		100
73) Di-n-butylphthalate	18.12	149	1025825	45.42	ng	#	95
74) Fluoranthene	19.23	202	1040819	41.59	ng		98
76) Benzidine	19.43	184	453453	37.44	ng		99
77) Pyrene	19.60	202	1132941	39.29	ng		99
79) Butylbenzylphthalate	20.49	149	547657	45.62	ng	#	63
80) Benzo(a)anthracene	21.34	228	1207806	41.49	ng		98
81) 3,3'-Dichlorobenzidine	21.28	252	423482	39.49	ng		99
82) Chrysene	21.40	228	1127295	41.29	ng		99
83) Bis(2-ethylhexyl)phthalate	21.24	149	821679	45.83	ng		94
84) Di-n-octyl phthalate	22.13	149	1459824	47.47	ng	#	79
85) Indeno(1,2,3-cd)pyrene	25.99	276	988131	42.94	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	1107670	40.12	ng	#	95
88) Benzo(k)fluoranthene	23.00	252	1079800	41.16	ng		98
89) Benzo(a)pyrene	23.55	252	983110	40.39	ng		99
90) Dibenzo(a,h)anthracene	25.99	278	852873	39.71	ng	#	96
91) Benzo(g,h,i)perylene	26.70	276	785199	39.67	ng	#	92

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

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