Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050517\
Data File : BM009900.D
Acq On : 05 May 2017 13:32
Operator : SJ/MA
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
5/8/2017 2:49:10 PM

Quant Time: May 05 14:18:01 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 13:10:42 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	92847	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	402181	20.00	ng		0.00
38) Acenaphthene-d10	14.44	164	258347	20.00	ng		0.00
63) Phenanthrene-d10	17.19	188	639220	20.00	ng		0.00
75) Chrysene-d12	21.39	240	825789	20.00	ng		0.00
86) Perylene-d12	23.69	264	809664	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	721224	129.48	ng		0.00
7) Phenol-d6	6.97	99	1127071	148.38	ng		0.00
23) Nitrobenzene-d5	8.96	82	1385816	129.19	ng		0.00
41) 2,4,6-Tribromophenol	15.94	330	460927	143.62	ng		0.00
44) 2-Fluorobiphenyl	13.05	172	2447633	114.16	ng		0.00
78) Terphenyl-d14	19.82	244	5162506	130.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	123195	43.98	ng	#	100
3) Pyridine	3.69	79	430960	54.44	ng	#	73
4) n-Nitrosodimethylamine	3.61	42	297795	70.67	ng	#	52
6) Aniline	7.12	93	734066	71.11	ng	#	89
8) 2-Chlorophenol	7.35	128	404624	71.64	ng	#	79
9) Benzaldehyde	6.94	77	409645	68.52	ng		83
10) Phenol	7.00	94	603151	73.28	ng		94
11) bis(2-Chloroethyl)ether	7.22	93	476685	70.66	ng	#	78
12) 1,3-Dichlorobenzene	7.67	146	436301	64.52	ng	#	83
13) 1,4-Dichlorobenzene	7.82	146	448841	64.24	ng	#	90
14) 1,2-Dichlorobenzene	8.13	146	435172	64.14	ng	#	92
15) Benzyl Alcohol	8.03	79	517090	77.86	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.31	45	865703	73.83	ng		94
17) 2-Methylphenol	8.24	107	415946	77.23	ng	#	83
18) Hexachloroethane	8.85	117	199351	69.75	ng		92
19) n-Nitroso-di-n-propylamine	8.60	70	522083	85.26	ng	#	86
20) 3+4-Methylphenols	8.57	107	571717	78.08	ng		87
22) Acetophenone	8.62	105	789662	69.62	ng	#	84
24) Nitrobenzene	9.00	77	711121	67.67	ng	#	88
25) Isophorone	9.52	82	1233086	75.36	ng	#	87
26) 2-Nitrophenol	9.70	139	244845	77.25	ng	#	42
27) 2,4-Dimethylphenol	9.77	122	414774	71.54	ng	#	83
28) bis(2-Chloroethoxy)methane	9.99	93	712784	70.35	ng		100
29) 2,4-Dichlorophenol	10.25	162	412949	68.13	ng		95
30) 1,2,4-Trichlorobenzene	10.45	180	463866	61.68	ng		99
31) Naphthalene	10.63	128	1375904	64.46	ng		99
32) Benzoic acid	9.97	122	294897	74.78	ng	#	74
33) 4-Chloroaniline	10.76	127	602215	73.13	ng	#	79
34) Hexachlorobutadiene	10.89	225	315523	61.27	ng		97
35) Caprolactam	11.59	113	167818	90.69	ng	#	56
36) 4-Chloro-3-methylphenol	11.89	107	560837	81.78	ng	#	78
37) 2-Methylnaphthalene	12.25	142	978940	66.44	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	570339	58.47	ng	#	100
40) Hexachlorocyclopentadiene	12.58	237	143935	25.71	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	371818	66.67	ng		98
43) 2,4,5-Trichlorophenol	12.95	196	406558	65.34	ng	#	85
45) 1,1'-Biphenyl	13.27	154	1354995	63.02	ng		97
46) 2-Chloronaphthalene	13.32	162	1072256	64.21	ng		95
47) 2-Nitroaniline	13.53	65	539940	87.75	ng	#	62
48) Acenaphthylene	14.16	152	1687892	62.05	ng		99
49) Dimethylphthalate	13.90	163	1526864	76.97	ng	#	98
50) 2,6-Dinitrotoluene	14.04	165	303496	71.00	ng	#	60
51) Acenaphthene	14.50	154	1038226	63.26	ng		99
52) 3-Nitroaniline	14.37	138	328684	78.05	ng	#	53
53) 2,4-Dinitrophenol	14.59	184	158167	62.71	ng	#	78
54) Dibenzofuran	14.84	168	1588766	65.46	ng		92
55) 4-Nitrophenol	14.70	139	229919	66.05	ng	#	1
56) 2,4-Dinitrotoluene	14.83	165	447054	77.30	ng	#	74
57) Fluorene	15.49	166	1426561	65.39	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.07	232	318322	60.48	ng	#	100
59) Diethylphthalate	15.26	149	1628213	80.92	ng		97
60) 4-Chlorophenyl-phenylether	15.48	204	747872	65.65	ng		98
61) 4-Nitroaniline	15.54	138	337717	73.83	ng	#	16
62) Azobenzene	15.78	77	1827158	77.78	ng		81
64) 4,6-Dinitro-2-methylphenol	15.60	198	263024	65.31	ng	#	78
65) n-Nitrosodiphenylamine	15.71	169	1238141	63.76	ng		98
66) 4-Bromophenyl-phenylether	16.38	248	460558	62.19	ng	#	92
67) Hexachlorobenzene	16.50	284	515288	63.48	ng	#	86
68) Atrazine	16.66	200	481930	65.99	ng		98
69) Pentachlorophenol	16.85	266	215015	43.36	ng		97
70) Phenanthrene	17.24	178	2252012	61.61	ng		99
71) Anthracene	17.33	178	2309628	62.41	ng		99
72) Carbazole	17.61	167	2105196	59.40	ng		99
73) Di-n-butylphthalate	18.15	149	3016544	83.33	ng	#	97
74) Fluoranthene	19.26	202	2944420	68.01	ng		98
76) Benzidine	19.45	184	1549991	62.98	ng		99
77) Pyrene	19.62	202	3089319	65.96	ng		99
79) Butylbenzylphthalate	20.51	149	1474216	87.41	ng	#	72
80) Benzo(a)anthracene	21.37	228	3129134	64.88	ng		99
81) 3,3'-Dichlorobenzidine	21.30	252	1212849	67.16	ng	#	99
82) Chrysene	21.42	228	2901805	63.01	ng		99
83) Bis(2-ethylhexyl)phthalate	21.27	149	2265937	90.03	ng		96
84) Di-n-octyl phthalate	22.16	149	3955299	94.44	ng	#	84
85) Indeno(1,2,3-cd)pyrene	26.06	276	3489263	69.47	ng	#	100
87) Benzo(b)fluoranthene	23.00	252	3142016	61.22	ng	#	95
88) Benzo(k)fluoranthene	23.04	252	3043984m	61.67	ng		
89) Benzo(a)pyrene	23.60	252	2930672	61.67	ng		99
90) Dibenzo(a,h)anthracene	26.07	278	3119321	67.00	ng	#	95
91) Benzo(g,h,i)perylene	26.79	276	2873756	63.32	ng	#	90

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

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