Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009946.D
Acq On : 06 May 2017 17:51
Operator : SJ/MA
Sample : I2995-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-AOC17-001MS

Manual Integrations APPROVED
mohammad
5/8/2017 5:59:11 PM

Quant Time: May 08 06:44:01 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 14:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	80098	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	337114	20.00	ng		-0.01
38) Acenaphthene-d10	14.43	164	221104	20.00	ng		-0.01
63) Phenanthrene-d10	17.19	188	546859	20.00	ng		-0.01
75) Chrysene-d12	21.37	240	705031	20.00	ng		-0.01
86) Perylene-d12	23.67	264	574263	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	736961	146.48	ng		0.00
7) Phenol-d6	6.96	99	1031120	133.70	ng		0.00
23) Nitrobenzene-d5	8.95	82	888283	95.35	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	470996	155.97	ng		0.00
44) 2-Fluorobiphenyl	13.04	172	1613903	95.10	ng		0.00
78) Terphenyl-d14	19.81	244	3092407	89.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	66458	34.40	ng	#	100
3) Pyridine	3.71	79	162214	24.41	ng	#	73
4) n-Nitrosodimethylamine	3.61	42	178178	41.11	ng	#	48
6) Aniline	7.12	93	129265	12.68	ng	#	86
8) 2-Chlorophenol	7.35	128	261946	46.77	ng	#	78
9) Benzaldehyde	6.93	77	59917	9.78	ng	#	71
10) Phenol	6.99	94	369299	43.74	ng		94
11) bis(2-Chloroethyl)ether	7.21	93	292426	43.52	ng		84
12) 1,3-Dichlorobenzene	7.66	146	245362	39.53	ng	#	86
13) 1,4-Dichlorobenzene	7.81	146	254203	39.73	ng	#	93
14) 1,2-Dichlorobenzene	8.12	146	248983	40.49	ng	#	87
15) Benzyl Alcohol	8.03	79	357587	50.07	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.30	45	521247	41.97	ng		97
17) 2-Methylphenol	8.23	107	260668	45.85	ng	#	84
18) Hexachloroethane	8.84	117	113058	39.88	ng		91
19) n-Nitroso-di-n-propylamine	8.59	70	322326	44.08	ng	#	78
20) 3+4-Methylphenols	8.56	107	353797	45.29	ng		87
22) Acetophenone	8.61	105	481949	45.70	ng	#	81
24) Nitrobenzene	8.99	77	464203	48.01	ng	#	87
25) Isophorone	9.51	82	797304	48.52	ng	#	89
26) 2-Nitrophenol	9.70	139	148570	47.50	ng	#	36
27) 2,4-Dimethylphenol	9.76	122	270134	48.00	ng	#	78
28) bis(2-Chloroethoxy)methane	9.99	93	440572	46.07	ng		98
29) 2,4-Dichlorophenol	10.23	162	270586	50.15	ng		90
30) 1,2,4-Trichlorobenzene	10.43	180	279421	44.31	ng		98
31) Naphthalene	10.62	128	836119	45.11	ng		98
32) Benzoic acid	9.95	122	140326	37.97	ng	#	70
33) 4-Chloroaniline	10.76	127	31822	4.07	ng	#	71
34) Hexachlorobutadiene	10.88	225	181383	41.34	ng		97
35) Caprolactam	11.57	113	80332m	39.04	ng		
36) 4-Chloro-3-methylphenol	11.89	107	355535	48.53	ng	#	79
37) 2-Methylnaphthalene	12.24	142	623848	47.65	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	344583	43.32	ng	#	100
40) Hexachlorocyclopentadiene	12.57	237	178751	73.21	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	242879	47.26	ng		99
43) 2,4,5-Trichlorophenol	12.94	196	239974	43.40	ng	#	82
45) 1,1'-Biphenyl	13.26	154	838318	44.53	ng		94
46) 2-Chloronaphthalene	13.30	162	664493	44.66	ng		96
47) 2-Nitroaniline	13.53	65	341874	47.58	ng	#	61
48) Acenaphthylene	14.15	152	1089798	46.66	ng		100
49) Dimethylphthalate	13.89	163	926899	44.00	ng		99
50) 2,6-Dinitrotoluene	14.03	165	203122	49.45	ng	#	49
51) Acenaphthene	14.49	154	671002	46.56	ng		99
52) 3-Nitroaniline	14.37	138	68701	15.46	ng	#	61
53) 2,4-Dinitrophenol	14.59	184	161054	69.01	ng	#	81
54) Dibenzofuran	14.83	168	1102192	50.01	ng		92
55) 4-Nitrophenol	14.70	139	231357	77.48	ng	#	1
56) 2,4-Dinitrotoluene	14.83	165	295700	49.53	ng	#	62
57) Fluorene	15.48	166	925861	47.61	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.07	232	215384	50.86	ng	#	100
59) Diethylphthalate	15.26	149	1005058	44.67	ng		97
60) 4-Chlorophenyl-phenylether	15.47	204	482353	46.74	ng		98
61) 4-Nitroaniline	15.54	138	184150	41.37	ng	#	2
62) Azobenzene	15.77	77	1391011	55.49	ng		78
64) 4,6-Dinitro-2-methylphenol	15.59	198	138886	38.94	ng	#	76
65) n-Nitrosodiphenylamine	15.70	169	801836	46.27	ng		99
66) 4-Bromophenyl-phenylether	16.37	248	300057	46.91	ng	#	90
67) Hexachlorobenzene	16.49	284	320897	44.04	ng	#	83
68) Atrazine	16.66	200	314456	47.37	ng		99
69) Pentachlorophenol	16.84	266	232715	71.71	ng		97
70) Phenanthrene	17.23	178	1482650	46.83	ng		99
71) Anthracene	17.32	178	1541404	48.28	ng		99
72) Carbazole	17.60	167	1411812	48.78	ng		99
73) Di-n-butylphthalate	18.14	149	1829941	44.02	ng	#	96
74) Fluoranthene	19.25	202	1898633	47.52	ng		99
76) Benzidine	19.44	184	445833	20.96	ng		98
77) Pyrene	19.62	202	1941199	46.10	ng		99
79) Butylbenzylphthalate	20.50	149	899781	44.31	ng	#	60
80) Benzo(a)anthracene	21.36	228	2056765	48.43	ng		99
81) 3,3'-Dichlorobenzidine	21.30	252	346007	20.50	ng	#	95
82) Chrysene	21.42	228	1827585	45.78	ng		99
83) Bis(2-ethylhexyl)phthalate	21.26	149	1338416	42.85	ng		96
84) Di-n-octyl phthalate	22.16	149	2286275	42.15	ng	#	82
85) Indeno(1,2,3-cd)pyrene	26.03	276	1803626	40.07	ng	#	100
87) Benzo(b)fluoranthene	22.99	252	1877725	51.31	ng	#	96
88) Benzo(k)fluoranthene	23.03	252	1842329	51.78	ng		98
89) Benzo(a)pyrene	23.58	252	1739688	50.67	ng		99
90) Dibenzo(a,h)anthracene	26.03	278	1542750	44.78	ng	#	96
91) Benzo(g,h,i)perylene	26.75	276	1380345	42.72	ng	#	91

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

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