Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009947.D
Acq On : 06 May 2017 18:27
Operator : SJ/MA
Sample : I2995-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-AOC17-001MSD

Manual Integrations APPROVED
mohammad
5/8/2017 5:59:14 PM

Quant Time: May 08 14:05:55 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	62262	20.00	ng	-0.01
21) Naphthalene-d8	10.57	136	287391	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	190337	20.00	ng	-0.01
63) Phenanthrene-d10	17.19	188	494364	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	684121	20.00	ng	-0.01
86) Perylene-d12	23.67	264	612625	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	568841	145.45	ng	0.00
7) Phenol-d6	6.96	99	828864	138.27	ng	0.00
23) Nitrobenzene-d5	8.95	82	710418	89.46	ng	-0.01
41) 2,4,6-Tribromophenol	15.93	330	400756	154.16	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	1299813	88.98	ng	-0.01
78) Terphenyl-d14	19.81	244	2725468	81.73	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	55421	36.91	ng	# 100
3) Pyridine	3.70	79	181635	35.17	ng	# 73
4) n-Nitrosodimethylamine	3.61	42	153373	45.52	ng	# 48
6) Aniline	7.12	93	158510	20.00	ng	# 82
8) 2-Chlorophenol	7.35	128	217244	49.90	ng	# 76
9) Benzaldehyde	6.93	77	43955	9.23	ng	# 75
10) Phenol	6.99	94	312673	47.64	ng	94
11) bis(2-Chloroethyl)ether	7.20	93	238773	45.71	ng	# 79
12) 1,3-Dichlorobenzene	7.66	146	196824	40.79	ng	# 84
13) 1,4-Dichlorobenzene	7.81	146	206117	41.44	ng	# 92
14) 1,2-Dichlorobenzene	8.12	146	204487	42.78	ng	# 89
15) Benzyl Alcohol	8.03	79	305407	55.01	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.30	45	425608	44.08	ng	97
17) 2-Methylphenol	8.23	107	212111	47.99	ng	# 81
18) Hexachloroethane	8.83	117	95024	43.12	ng	96
19) n-Nitroso-di-n-propylamine	8.59	70	266674	46.92	ng	# 83
20) 3+4-Methylphenols	8.56	107	308158	50.74	ng	84
22) Acetophenone	8.60	105	408624	45.45	ng	# 82
24) Nitrobenzene	8.99	77	386383	46.87	ng	# 85
25) Isophorone	9.51	82	681353	48.63	ng	# 86
26) 2-Nitrophenol	9.70	139	122849	46.07	ng	# 37
27) 2,4-Dimethylphenol	9.76	122	229020	47.73	ng	# 76
28) bis(2-Chloroethoxy)methane	9.99	93	368605	45.21	ng	99
29) 2,4-Dichlorophenol	10.23	162	231009	50.23	ng	94
30) 1,2,4-Trichlorobenzene	10.43	180	230162	42.82	ng	96
31) Naphthalene	10.62	128	692826	43.84	ng	98
32) Benzoic acid	9.93	122	119288	37.86	ng	# 67
33) 4-Chloroaniline	10.76	127	37164	5.58	ng	# 73
34) Hexachlorobutadiene	10.88	225	148111	39.60	ng	92
35) Caprolactam	11.57	113	73981m	42.18	ng	
36) 4-Chloro-3-methylphenol	11.89	107	303514	48.59	ng	# 82
37) 2-Methylnaphthalene	12.23	142	521712	46.74	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	289615	42.30	ng	# 100
40) Hexachlorocyclopentadiene	12.57	237	139130	68.91	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	209771	47.41	ng		95
43) 2,4,5-Trichlorophenol	12.95	196	221051	46.43	ng	#	84
45) 1,1'-Biphenyl	13.26	154	708377	43.71	ng		96
46) 2-Chloronaphthalene	13.30	162	567937	44.34	ng		96
47) 2-Nitroaniline	13.53	65	305009	49.31	ng	#	61
48) Acenaphthylene	14.15	152	948894	47.20	ng		99
49) Dimethylphthalate	13.89	163	814288	44.91	ng		99
50) 2,6-Dinitrotoluene	14.03	165	176247	49.84	ng	#	44
51) Acenaphthene	14.49	154	568399	45.82	ng		96
52) 3-Nitroaniline	14.36	138	67217	17.57	ng	#	41
53) 2,4-Dinitrophenol	14.59	184	148718	73.40	ng	#	72
54) Dibenzofuran	14.83	168	967668	51.00	ng		92
55) 4-Nitrophenol	14.69	139	205722	80.03	ng	#	1
56) 2,4-Dinitrotoluene	14.82	165	266727	51.90	ng	#	62
57) Fluorene	15.48	166	821111	49.05	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.07	232	192071	52.68	ng	#	100
59) Diethylphthalate	15.25	149	893642	46.14	ng		97
60) 4-Chlorophenyl-phenylether	15.47	204	418138	47.07	ng		99
61) 4-Nitroaniline	15.53	138	171615	44.79	ng	#	12
62) Azobenzene	15.77	77	1235802	57.27	ng		78
64) 4,6-Dinitro-2-methylphenol	15.59	198	125956	39.05	ng	#	76
65) n-Nitrosodiphenylamine	15.70	169	715978	45.70	ng		98
66) 4-Bromophenyl-phenylether	16.37	248	260842	45.11	ng	#	90
67) Hexachlorobenzene	16.49	284	283750	43.08	ng	#	85
68) Atrazine	16.65	200	284664	47.44	ng		97
69) Pentachlorophenol	16.84	266	216888	73.70	ng		96
70) Phenanthrene	17.23	178	1339896	46.82	ng		100
71) Anthracene	17.32	178	1383708	47.94	ng		99
72) Carbazole	17.60	167	1293491	49.44	ng		98
73) Di-n-butylphthalate	18.14	149	1653227	43.99	ng	#	97
74) Fluoranthene	19.25	202	1750044	48.45	ng		100
76) Benzidine	19.44	184	690004	33.43	ng		99
77) Pyrene	19.62	202	1806777	44.22	ng		99
79) Butylbenzylphthalate	20.50	149	849561	43.11	ng	#	69
80) Benzo(a)anthracene	21.36	228	1985671	48.19	ng		99
81) 3,3'-Dichlorobenzidine	21.30	252	335869	20.51	ng	#	97
82) Chrysene	21.42	228	1783346	46.04	ng		98
83) Bis(2-ethylhexyl)phthalate	21.26	149	1246317	41.12	ng		95
84) Di-n-octyl phthalate	22.16	149	2192792	41.66	ng	#	82
85) Indeno(1,2,3-cd)pyrene	26.03	276	1932732	44.25	ng	#	100
87) Benzo(b)fluoranthene	22.99	252	1915787	49.07	ng	#	95
88) Benzo(k)fluoranthene	23.03	252	1899377m	50.04	ng		
89) Benzo(a)pyrene	23.58	252	1804423	49.27	ng		98
90) Dibenzo(a,h)anthracene	26.03	278	1656085	45.06	ng	#	96
91) Benzo(g,h,i)perylene	26.75	276	1461964	42.41	ng	#	92

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

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