Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003799.D
Acq On : 25 Dec 2015 04:28
Operator : UM/SJ
Sample : G4939-07MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
L-2-4(0-2)MS

Manual Integrations APPROVED
Sohil
12/28/2015 6:00:39 PM

Quant Time: Dec 25 07:10:17 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	52305	20.00	ng		-0.04
21) Naphthalene-d8	10.47	136	226796	20.00	ng		-0.05
38) Acenaphthene-d10	14.34	164	122648	20.00	ng		-0.04
63) Phenanthrene-d10	17.09	188	240757	20.00	ng		-0.04
75) Chrysene-d12	21.28	240	211643	20.00	ng		-0.04
86) Perylene-d12	23.52	264	213849	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	311271	105.80	ng		-0.03
7) Phenol-d6	6.86	99	424067	103.81	ng		-0.03
23) Nitrobenzene-d5	8.84	82	258703	70.73	ng		-0.04
41) 2,4,6-Tribromophenol	15.83	330	118907	97.08	ng		-0.04
44) 2-Fluorobiphenyl	12.95	172	579838	64.41	ng		-0.04
78) Terphenyl-d14	19.72	244	537931	59.94	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	30249	24.78	ng	#	100
3) Pyridine	3.57	79	54873	16.05	ng		90
4) n-Nitrosodimethylamine	3.49	42	37104	33.89	ng		91
6) Aniline	7.02	93	140355	26.10	ng		97
8) 2-Chlorophenol	7.25	128	120695	32.40	ng		96
9) Benzaldehyde	6.83	77	39764	19.85	ng		99
10) Phenol	6.89	94	151618	34.98	ng	#	73
11) bis(2-Chloroethyl)ether	7.11	93	109555	31.24	ng		98
12) 1,3-Dichlorobenzene	7.57	146	117010	28.59	ng		97
13) 1,4-Dichlorobenzene	7.72	146	120190	28.48	ng		97
14) 1,2-Dichlorobenzene	8.03	146	118146	29.32	ng		96
15) Benzyl Alcohol	7.92	79	101204	35.80	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	120299	32.11	ng		93
17) 2-Methylphenol	8.13	107	101465	33.48	ng		97
18) Hexachloroethane	8.75	117	42045	29.00	ng		94
19) n-Nitroso-di-n-propylamine	8.49	70	86577	32.31	ng		89
20) 3+4-Methylphenols	8.46	107	137668	32.83	ng		96
22) Acetophenone	8.50	105	174263	31.35	ng	#	91
24) Nitrobenzene	8.88	77	129333	32.70	ng		92
25) Isophorone	9.40	82	239176	32.33	ng		96
26) 2-Nitrophenol	9.59	139	62510	31.25	ng	#	90
27) 2,4-Dimethylphenol	9.66	122	108942	31.28	ng		94
28) bis(2-Chloroethoxy)methane	9.89	93	148990	33.51	ng		99
29) 2,4-Dichlorophenol	10.12	162	112590	33.94	ng		98
30) 1,2,4-Trichlorobenzene	10.34	180	112022	30.24	ng		99
31) Naphthalene	10.52	128	370622	31.23	ng		100
32) Benzoic acid	9.76	122	20057	9.63	ng		97
33) 4-Chloroaniline	10.63	127	109868	22.43	ng	#	93
34) Hexachlorobutadiene	10.80	225	65040	29.61	ng		98
35) Caprolactam	11.40	113	31358m	28.59	ng		
36) 4-Chloro-3-methylphenol	11.77	107	122160	32.65	ng		89
37) 2-Methylnaphthalene	12.14	142	266537	32.74	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	123976	31.44	ng	#	100
40) Hexachlorocyclopentadiene	12.49	237	129186	58.74	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	84742	32.95	ng		99
43) 2,4,5-Trichlorophenol	12.83	196	91626	33.90	ng	#	89
45) 1,1'-Biphenyl	13.16	154	332600	30.58	ng		98
46) 2-Chloronaphthalene	13.20	162	250091	31.31	ng	#	92
47) 2-Nitroaniline	13.42	65	67866	34.25	ng		98
48) Acenaphthylene	14.06	152	411006	30.86	ng		99
49) Dimethylphthalate	13.80	163	425478	42.10	ng		99
50) 2,6-Dinitrotoluene	13.92	165	68462	32.47	ng		94
51) Acenaphthene	14.40	154	240179	31.12	ng		99
52) 3-Nitroaniline	14.25	138	55794	25.85	ng	#	81
53) 2,4-Dinitrophenol	14.46	184	42899	39.74	ng	#	83
54) Dibenzofuran	14.73	168	376787	33.80	ng		93
55) 4-Nitrophenol	14.57	139	106571	59.80	ng		82
56) 2,4-Dinitrotoluene	14.71	165	90023	32.90	ng	#	75
57) Fluorene	15.39	166	290791	31.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.97	232	71951	34.63	ng	#	100
59) Diethylphthalate	15.16	149	306810	30.92	ng		98
60) 4-Chlorophenyl-phenylether	15.38	204	140710	30.11	ng		92
61) 4-Nitroaniline	15.42	138	66780	30.30	ng		75
62) Azobenzene	15.67	77	279694	35.96	ng		97
64) 4,6-Dinitro-2-methylphenol	15.47	198	40253	27.71	ng		88
65) n-Nitrosodiphenylamine	15.60	169	257120	33.78	ng		99
66) 4-Bromophenyl-phenylether	16.27	248	82550	31.80	ng	#	84
67) Hexachlorobenzene	16.39	284	88708	31.81	ng	#	82
68) Atrazine	16.55	200	80298	33.82	ng		99
69) Pentachlorophenol	16.74	266	89679	56.33	ng		98
70) Phenanthrene	17.13	178	430596	31.87	ng		99
71) Anthracene	17.22	178	428496	31.92	ng		99
72) Carbazole	17.49	167	390008	33.35	ng		100
73) Di-n-butylphthalate	18.05	149	457418	33.46	ng		99
74) Fluoranthene	19.15	202	434475	31.18	ng		98
76) Benzidine	19.34	184	127761	18.84	ng		100
77) Pyrene	19.52	202	441591	29.75	ng		99
79) Butylbenzylphthalate	20.42	149	180212	31.53	ng		91
80) Benzo(a)anthracene	21.27	228	393440	31.01	ng		99
81) 3,3'-Dichlorobenzidine	21.20	252	124665	30.85	ng		99
82) Chrysene	21.32	228	361651	29.61	ng		100
83) Bis(2-ethylhexyl)phthalate	21.20	149	263389	33.60	ng		99
84) Di-n-octyl phthalate	22.07	149	464155	35.84	ng		96
85) Indeno(1,2,3-cd)pyrene	25.77	276	462431	36.04	ng	#	100
87) Benzo(b)fluoranthene	22.84	252	400094	30.78	ng		98
88) Benzo(k)fluoranthene	22.89	252	387671	30.55	ng		99
89) Benzo(a)pyrene	23.42	252	388630	31.78	ng	#	97
90) Dibenzo(a,h)anthracene	25.79	278	386352	32.36	ng		98
91) Benzo(g,h,i)perylene	26.47	276	380282	31.53	ng		99

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

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