Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003730.D
Acq On : 23 Dec 2015 04:31
Operator : UM/SJ
Sample : G4869-11MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LTCWC-01MS

Manual Integrations APPROVED
apatel
12/23/2015 3:47:03 PM

Quant Time: Dec 23 06:09:53 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	7.69	152	36808	20.00	ng		-0.03
21) Naphthalene-d8	10.48	136	144822	20.00	ng		-0.04
38) Acenaphthene-d10	14.35	164	73973	20.00	ng		-0.03
63) Phenanthrene-d10	17.09	188	154805	20.00	ng		-0.03
75) Chrysene-d12	21.29	240	161671	20.00	ng		-0.03
86) Perylene-d12	23.53	264	80542	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	296834	143.38	ng		-0.02
7) Phenol-d6	6.87	99	362777	126.19	ng		-0.02
23) Nitrobenzene-d5	8.85	82	244779	104.80	ng		-0.03
41) 2,4,6-Tribromophenol	15.84	330	113078	153.06	ng		-0.03
44) 2-Fluorobiphenyl	12.96	172	547929	100.92	ng		-0.03
78) Terphenyl-d14	19.73	244	630342	91.95	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	35511	41.34	ng	#	100
3) Pyridine	3.59	79	95145	39.54	ng		90
4) n-Nitrosodimethylamine	3.50	42	40491	52.55	ng		94
6) Aniline	7.03	93	28597	7.56	ng		97
8) 2-Chlorophenol	7.26	128	118374	45.15	ng		98
9) Benzaldehyde	6.83	77	19878	14.10	ng		97
10) Phenol	6.90	94	129213	42.36	ng	#	72
11) bis(2-Chloroethyl)ether	7.12	93	108587	44.00	ng		98
12) 1,3-Dichlorobenzene	7.58	146	125167	43.47	ng		97
13) 1,4-Dichlorobenzene	7.73	146	127771	43.03	ng		98
14) 1,2-Dichlorobenzene	8.04	146	122824	43.32	ng		96
15) Benzyl Alcohol	7.93	79	67555	33.96	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.23	45	117666	44.63	ng		93
17) 2-Methylphenol	8.14	107	93883	44.02	ng		96
18) Hexachloroethane	8.76	117	44864	43.97	ng		93
19) n-Nitroso-di-n-propylamine	8.50	70	81251	43.09	ng	#	89
20) 3+4-Methylphenols	8.47	107	124534	42.20	ng		98
22) Acetophenone	8.51	105	169298	47.70	ng	#	92
24) Nitrobenzene	8.89	77	125506	49.70	ng		91
25) Isophorone	9.41	82	220368	46.64	ng		97
26) 2-Nitrophenol	9.60	139	58407	45.73	ng	#	88
27) 2,4-Dimethylphenol	9.66	122	108442	48.76	ng		93
28) bis(2-Chloroethoxy)methane	9.90	93	130921	46.12	ng		98
29) 2,4-Dichlorophenol	10.13	162	104548	49.35	ng		97
30) 1,2,4-Trichlorobenzene	10.35	180	108834	46.01	ng		99
31) Naphthalene	10.53	128	652758	86.14	ng		99
32) Benzoic acid	9.79	122	49065	38.14	ng		97
33) 4-Chloroaniline	10.65	127	8766	2.80	ng	#	88
34) Hexachlorobutadiene	10.82	225	64935	46.29	ng		95
35) Caprolactam	11.41	113	27353	39.05	ng	#	75
36) 4-Chloro-3-methylphenol	11.78	107	110555	46.28	ng		90
37) 2-Methylnaphthalene	12.15	142	288632	55.53	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	117052	49.22	ng	#	100
40) Hexachlorocyclopentadiene	12.50	237	125949	94.95	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	76950	49.61	ng		99
43) 2,4,5-Trichlorophenol	12.85	196	84176	51.64	ng	#	89
45) 1,1'-Biphenyl	13.17	154	321946	49.08	ng		99
46) 2-Chloronaphthalene	13.22	162	238703	49.54	ng	#	93
47) 2-Nitroaniline	13.43	65	56983	47.68	ng		96
48) Acenaphthylene	14.06	152	389644	48.50	ng		100
49) Dimethylphthalate	13.80	163	294091	48.24	ng		99
50) 2,6-Dinitrotoluene	13.93	165	64075	50.38	ng		96
51) Acenaphthene	14.41	154	265928	57.13	ng		100
52) 3-Nitroaniline	14.26	138	8558	6.58	ng		83
53) 2,4-Dinitrophenol	14.47	184	65641	90.37	ng	#	84
54) Dibenzofuran	14.75	168	396972	59.04	ng		93
55) 4-Nitrophenol	14.57	139	102962	95.79	ng	#	76
56) 2,4-Dinitrotoluene	14.72	165	87883	53.26	ng	#	72
57) Fluorene	15.40	166	313328	56.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.97	232	69992	55.86	ng	#	100
59) Diethylphthalate	15.17	149	295801	49.42	ng		98
60) 4-Chlorophenyl-phenylether	15.39	204	136011	48.26	ng		93
61) 4-Nitroaniline	15.42	138	42226	31.77	ng		76
62) Azobenzene	15.69	77	261436	55.72	ng		98
64) 4,6-Dinitro-2-methylphenol	15.49	198	43905	47.01	ng		86
65) n-Nitrosodiphenylamine	15.61	169	142022	29.02	ng		99
66) 4-Bromophenyl-phenylether	16.29	248	80200	48.05	ng	#	86
67) Hexachlorobenzene	16.40	284	88289	49.23	ng	#	83
68) Atrazine	16.56	200	14657	9.60	ng		98
69) Pentachlorophenol	16.75	266	97742	95.48	ng		98
70) Phenanthrene	17.14	178	494123	56.88	ng		99
71) Anthracene	17.23	178	447727	51.87	ng		99
72) Carbazole	17.50	167	183034	24.34	ng		99
73) Di-n-butylphthalate	18.06	149	478771	54.47	ng		99
74) Fluoranthene	19.16	202	498615	55.66	ng		97
76) Benzidine	19.36	184	25656m	4.95	ng		
77) Pyrene	19.52	202	511428	45.11	ng		100
79) Butylbenzylphthalate	20.43	149	205320	47.02	ng		93
80) Benzo(a)anthracene	21.27	228	483943	49.93	ng		100
81) 3,3'-Dichlorobenzidine	21.21	252	12522	4.06	ng		97
82) Chrysene	21.33	228	445186	47.72	ng		100
83) Bis(2-ethylhexyl)phthalate	21.20	149	298587	49.86	ng		98
84) Di-n-octyl phthalate	22.09	149	516801	52.24	ng		96
85) Indeno(1,2,3-cd)pyrene	25.80	276	544820	55.58	ng	#	100
87) Benzo(b)fluoranthene	22.86	252	516764	105.55	ng		97
88) Benzo(k)fluoranthene	22.90	252	453191	94.82	ng		98
89) Benzo(a)pyrene	23.44	252	420989	91.42	ng	#	98
90) Dibenzo(a,h)anthracene	25.81	278	509085	113.22	ng		99
91) Benzo(g,h,i)perylene	26.49	276	441002	97.08	ng		98

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

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