Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003800.D
Acq On : 25 Dec 2015 05:04
Operator : UM/SJ
Sample : G4939-07MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
12/28/2015 6:00:43 PM

Quant Time: Dec 25 07:11:37 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	53700	20.00	ng		-0.04
21) Naphthalene-d8	10.47	136	238841	20.00	ng		-0.05
38) Acenaphthene-d10	14.34	164	132701	20.00	ng		-0.04
63) Phenanthrene-d10	17.09	188	282043	20.00	ng		-0.04
75) Chrysene-d12	21.29	240	276195	20.00	ng		-0.04
86) Perylene-d12	23.52	264	237610	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	493423	163.36	ng		-0.03
7) Phenol-d6	6.87	99	670877	159.95	ng		-0.02
23) Nitrobenzene-d5	8.85	82	412287	107.03	ng		-0.04
41) 2,4,6-Tribromophenol	15.83	330	201622	152.14	ng		-0.04
44) 2-Fluorobiphenyl	12.95	172	918703	94.32	ng		-0.04
78) Terphenyl-d14	19.72	244	1031438	88.07	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	45980	36.69	ng	#	100
3) Pyridine	3.56	79	107383	30.59	ng		91
4) n-Nitrosodimethylamine	3.49	42	58784	52.30	ng		90
6) Aniline	7.02	93	223979	40.57	ng		97
8) 2-Chlorophenol	7.25	128	195906	51.22	ng		97
9) Benzaldehyde	6.83	77	63425	30.84	ng		97
10) Phenol	6.89	94	244236	54.88	ng	#	72
11) bis(2-Chloroethyl)ether	7.12	93	171024	47.50	ng		98
12) 1,3-Dichlorobenzene	7.57	146	184533	43.92	ng		97
13) 1,4-Dichlorobenzene	7.72	146	190511	43.98	ng		96
14) 1,2-Dichlorobenzene	8.03	146	185831	44.92	ng		95
15) Benzyl Alcohol	7.93	79	167297	57.64	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	190618	49.56	ng		93
17) 2-Methylphenol	8.13	107	165603	53.22	ng		97
18) Hexachloroethane	8.75	117	67683	45.47	ng		92
19) n-Nitroso-di-n-propylamine	8.49	70	139011	50.53	ng		89
20) 3+4-Methylphenols	8.46	107	223518	51.92	ng		97
22) Acetophenone	8.50	105	277901	47.47	ng	#	91
24) Nitrobenzene	8.89	77	209315	50.26	ng		92
25) Isophorone	9.40	82	388125	49.81	ng		97
26) 2-Nitrophenol	9.59	139	104990	49.84	ng		90
27) 2,4-Dimethylphenol	9.66	122	177206	48.31	ng		94
28) bis(2-Chloroethoxy)methane	9.89	93	237961	50.83	ng		99
29) 2,4-Dichlorophenol	10.13	162	184940	52.93	ng		97
30) 1,2,4-Trichlorobenzene	10.34	180	181160	46.44	ng		99
31) Naphthalene	10.52	128	593044	47.45	ng		100
32) Benzoic acid	9.79	122	48946	25.40	ng		97
33) 4-Chloroaniline	10.63	127	133029	25.78	ng	#	93
34) Hexachlorobutadiene	10.80	225	105574	45.64	ng		98
35) Caprolactam	11.42	113	56606m	49.01	ng		
36) 4-Chloro-3-methylphenol	11.77	107	202287	51.35	ng		89
37) 2-Methylnaphthalene	12.14	142	428049	49.93	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	201555	47.25	ng	#	100
40) Hexachlorocyclopentadiene	12.49	237	208339	87.55	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	140122	50.36	ng		99
43) 2,4,5-Trichlorophenol	12.83	196	151411	51.78	ng	#	89
45) 1,1'-Biphenyl	13.16	154	535320	45.49	ng		98
46) 2-Chloronaphthalene	13.20	162	409822	47.41	ng	#	92
47) 2-Nitroaniline	13.42	65	116797	54.48	ng		96
48) Acenaphthylene	14.06	152	677377	47.00	ng		99
49) Dimethylphthalate	13.80	163	660499	60.40	ng		99
50) 2,6-Dinitrotoluene	13.92	165	115166	50.48	ng		96
51) Acenaphthene	14.40	154	392698	47.03	ng		99
52) 3-Nitroaniline	14.25	138	86760	37.16	ng		84
53) 2,4-Dinitrophenol	14.46	184	89992	70.67	ng	#	83
54) Dibenzofuran	14.74	168	617067	51.16	ng		94
55) 4-Nitrophenol	14.57	139	193328	100.26	ng		80
56) 2,4-Dinitrotoluene	14.72	165	156745	52.95	ng	#	73
57) Fluorene	15.39	166	478276	47.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.97	232	124920	55.57	ng	#	100
59) Diethylphthalate	15.17	149	521333	48.56	ng		98
60) 4-Chlorophenyl-phenylether	15.38	204	230192	45.53	ng		91
61) 4-Nitroaniline	15.42	138	120295	50.45	ng	#	75
62) Azobenzene	15.67	77	472786	56.17	ng		97
64) 4,6-Dinitro-2-methylphenol	15.48	198	77481	45.53	ng		85
65) n-Nitrosodiphenylamine	15.60	169	428747	48.08	ng		99
66) 4-Bromophenyl-phenylether	16.28	248	140769	46.29	ng	#	88
67) Hexachlorobenzene	16.40	284	153817	47.08	ng	#	86
68) Atrazine	16.56	200	147790	53.14	ng		99
69) Pentachlorophenol	16.74	266	167411	89.76	ng		98
70) Phenanthrene	17.13	178	750226	47.40	ng		99
71) Anthracene	17.22	178	756947	48.14	ng		99
72) Carbazole	17.49	167	711389	51.92	ng		100
73) Di-n-butylphthalate	18.05	149	868843	54.25	ng		99
74) Fluoranthene	19.15	202	832743	51.02	ng		97
76) Benzidine	19.34	184	242934	27.46	ng		98
77) Pyrene	19.52	202	862225	44.51	ng		99
79) Butylbenzylphthalate	20.42	149	391992	52.55	ng		94
80) Benzo(a)anthracene	21.27	228	787126	47.53	ng		99
81) 3,3'-Dichlorobenzidine	21.20	252	209547	39.74	ng		98
82) Chrysene	21.32	228	708725	44.47	ng		100
83) Bis(2-ethylhexyl)phthalate	21.20	149	559784	54.72	ng		99
84) Di-n-octyl phthalate	22.07	149	961717	56.90	ng	#	95
85) Indeno(1,2,3-cd)pyrene	25.78	276	734259	43.85	ng	#	100
87) Benzo(b)fluoranthene	22.85	252	741387	51.33	ng		98
88) Benzo(k)fluoranthene	22.89	252	667428	47.33	ng		98
89) Benzo(a)pyrene	23.43	252	671059	49.40	ng	#	97
90) Dibenzo(a,h)anthracene	25.79	278	610261	46.01	ng		98
91) Benzo(g,h,i)perylene	26.47	276	608806	45.43	ng		99

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

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