Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122815\
Data File : BM003820.D
Acq On : 28 Dec 2015 09:49
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Dec 29 00:39:33 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	60681	20.00	ng		-0.04
21) Naphthalene-d8	10.47	136	295771	20.00	ng		-0.05
38) Acenaphthene-d10	14.34	164	177529	20.00	ng		-0.04
63) Phenanthrene-d10	17.09	188	408082	20.00	ng		-0.04
75) Chrysene-d12	21.30	240	453544	20.00	ng		-0.02
86) Perylene-d12	23.53	264	466122	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	273777	80.21	ng		-0.03
7) Phenol-d6	6.86	99	403897	85.22	ng		-0.03
23) Nitrobenzene-d5	8.85	82	397639	83.36	ng		-0.04
41) 2,4,6-Tribromophenol	15.83	330	149984	84.59	ng		-0.04
44) 2-Fluorobiphenyl	12.95	172	922661	70.81	ng		-0.04
78) Terphenyl-d14	19.73	244	1338598	69.60	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	52510	37.08	ng	#	100
3) Pyridine	3.56	79	160850	40.55	ng		91
4) n-Nitrosodimethylamine	3.49	42	56035	44.12	ng		88
6) Aniline	7.02	93	265857	42.61	ng		97
8) 2-Chlorophenol	7.25	128	176469	40.83	ng		97
9) Benzaldehyde	6.82	77	98003	42.17	ng		99
10) Phenol	6.89	94	215858	42.92	ng	#	72
11) bis(2-Chloroethyl)ether	7.11	93	164168	40.35	ng		98
12) 1,3-Dichlorobenzene	7.57	146	184799	38.93	ng		98
13) 1,4-Dichlorobenzene	7.72	146	190646	38.94	ng		97
14) 1,2-Dichlorobenzene	8.03	146	181598	38.85	ng		97
15) Benzyl Alcohol	7.93	79	150607	45.92	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	188759	43.43	ng		93
17) 2-Methylphenol	8.13	107	152177	43.28	ng		97
18) Hexachloroethane	8.75	117	66574	39.58	ng		91
19) n-Nitroso-di-n-propylamine	8.49	70	138186	44.45	ng		90
20) 3+4-Methylphenols	8.46	107	211775	43.53	ng		97
22) Acetophenone	8.50	105	281491	38.83	ng	#	91
24) Nitrobenzene	8.89	77	211869	41.08	ng		90
25) Isophorone	9.40	82	402982	41.76	ng		97
26) 2-Nitrophenol	9.59	139	104822	40.18	ng	#	90
27) 2,4-Dimethylphenol	9.66	122	180666	39.77	ng		93
28) bis(2-Chloroethoxy)methane	9.89	93	226722	39.11	ng		99
29) 2,4-Dichlorophenol	10.13	162	173558	40.11	ng		97
30) 1,2,4-Trichlorobenzene	10.34	180	181369	37.54	ng		99
31) Naphthalene	10.52	128	599300	38.72	ng		100
32) Benzoic acid	9.83	122	112085	41.41	ng		97
33) 4-Chloroaniline	10.64	127	259957	40.69	ng	#	94
34) Hexachlorobutadiene	10.80	225	105343	36.77	ng		97
35) Caprolactam	11.43	113	66792m	46.69	ng		
36) 4-Chloro-3-methylphenol	11.78	107	210796	43.21	ng		89
37) 2-Methylnaphthalene	12.14	142	414078	39.00	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	201245	35.26	ng	#	100
40) Hexachlorocyclopentadiene	12.49	237	86952	27.31	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	148622	39.93	ng		99
43) 2,4,5-Trichlorophenol	12.84	196	154572	39.51	ng	#	89
45) 1,1'-Biphenyl	13.16	154	562822	35.75	ng		99
46) 2-Chloronaphthalene	13.20	162	432995	37.44	ng	#	92
47) 2-Nitroaniline	13.42	65	128513	44.80	ng		99
48) Acenaphthylene	14.06	152	742826	38.53	ng		100
49) Dimethylphthalate	13.80	163	569729	38.94	ng		99
50) 2,6-Dinitrotoluene	13.93	165	125969	41.27	ng		96
51) Acenaphthene	14.40	154	424105	37.96	ng		99
52) 3-Nitroaniline	14.26	138	139162	44.55	ng		84
53) 2,4-Dinitrophenol	14.46	184	45517	30.95	ng	#	84
54) Dibenzofuran	14.74	168	619785	38.41	ng		94
55) 4-Nitrophenol	14.58	139	106490	41.28	ng		79
56) 2,4-Dinitrotoluene	14.72	165	175896	44.41	ng	#	75
57) Fluorene	15.39	166	523849	39.16	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.97	232	123474	41.06	ng	#	100
59) Diethylphthalate	15.17	149	587022	40.87	ng		98
60) 4-Chlorophenyl-phenylether	15.39	204	254637	37.65	ng		93
61) 4-Nitroaniline	15.43	138	151692	47.55	ng		75
62) Azobenzene	15.67	77	491551	43.66	ng		96
64) 4,6-Dinitro-2-methylphenol	15.48	198	89792	36.47	ng		87
65) n-Nitrosodiphenylamine	15.60	169	468330	36.30	ng		99
66) 4-Bromophenyl-phenylether	16.28	248	158611	36.05	ng	#	87
67) Hexachlorobenzene	16.40	284	172747	36.54	ng	#	84
68) Atrazine	16.56	200	167703	41.68	ng		97
69) Pentachlorophenol	16.74	266	95726	35.47	ng		99
70) Phenanthrene	17.13	178	856610	37.41	ng		100
71) Anthracene	17.22	178	876340	38.52	ng		99
72) Carbazole	17.50	167	825130	41.62	ng		100
73) Di-n-butylphthalate	18.06	149	1022079	44.11	ng		99
74) Fluoranthene	19.16	202	1012839	42.89	ng		97
76) Benzidine	19.34	184	544363	37.47	ng		99
77) Pyrene	19.52	202	1054523	33.15	ng		100
79) Butylbenzylphthalate	20.43	149	499176	40.75	ng		94
80) Benzo(a)anthracene	21.28	228	1047750	38.53	ng		100
81) 3,3'-Dichlorobenzidine	21.22	252	381182	44.02	ng		99
82) Chrysene	21.33	228	998184	38.14	ng		100
83) Bis(2-ethylhexyl)phthalate	21.20	149	690557	41.11	ng		99
84) Di-n-octyl phthalate	22.09	149	1298922	46.80	ng	#	95
85) Indeno(1,2,3-cd)pyrene	25.80	276	1103727	40.14	ng	#	100
87) Benzo(b)fluoranthene	22.86	252	1070730	37.79	ng		98
88) Benzo(k)fluoranthene	22.91	252	1046447	37.83	ng		99
89) Benzo(a)pyrene	23.44	252	1018837	38.23	ng	#	97
90) Dibenzo(a,h)anthracene	25.81	278	905206	34.79	ng		98
91) Benzo(g,h,i)perylene	26.50	276	898297	34.17	ng		99

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

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