Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082517\
Data File : BM011347.D
Acq On : 25 Aug 2017 17:14
Operator : SJ/JU
Sample : PB101809BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 26 00:58:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB101809BS

Manual Integrations APPROVED
Sohil
8/28/2017 3:17:32 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	114201	20.00	ng		-0.02
21) Naphthalene-d8	10.02	136	432961	20.00	ng		-0.03
38) Acenaphthene-d10	13.93	164	304558	20.00	ng		-0.02
63) Phenanthrene-d10	16.69	188	806444	20.00	ng		-0.02
75) Chrysene-d12	20.92	240	1127369	20.00	ng		-0.02
86) Perylene-d12	22.99	264	1138999	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	975140	144.34	ng		-0.02
7) Phenol-d6	6.48	99	1387964	144.60	ng		-0.02
23) Nitrobenzene-d5	8.42	82	1288576	111.70	ng		-0.02
41) 2,4,6-Tribromophenol	15.45	330	665332	136.30	ng		-0.02
44) 2-Fluorobiphenyl	12.54	172	2208483	90.94	ng		-0.02
78) Terphenyl-d14	19.37	244	4082719	71.74	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	139108	45.861	ng	#	100
3) Pyridine	3.28	79	401830	48.500	ng	#	84
4) n-Nitrosodimethylamine	3.20	42	259099	61.366	ng	#	66
6) Aniline	6.62	93	469463	38.806	ng	#	72
8) 2-Chlorophenol	6.84	128	280465	40.891	ng	#	61
9) Benzaldehyde	6.43	77	211623	34.075	ng	#	68
10) Phenol	6.50	94	482076	46.240	ng		85
11) bis(2-Chloroethyl)ether	6.72	93	365370	44.978	ng		85
12) 1,3-Dichlorobenzene	7.15	146	341619	40.869	ng	#	67
13) 1,4-Dichlorobenzene	7.30	146	344308	40.185	ng	#	85
14) 1,2-Dichlorobenzene	7.61	146	326812	39.893	ng	#	87
15) Benzyl Alcohol	7.52	79	480942	52.231	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	7.80	45	395332	54.082	ng		75
17) 2-Methylphenol	7.72	107	293114	43.990	ng	#	66
18) Hexachloroethane	8.32	117	164238	43.955	ng	#	84
19) n-Nitroso-di-n-propylamine	8.07	70	432825	53.064	ng	#	93
20) 3+4-Methylphenols	8.05	107	400122	43.199	ng	#	75
22) Acetophenone	8.09	105	586183	45.166	ng	#	84
24) Nitrobenzene	8.46	77	645176	53.972	ng	#	76
25) Isophorone	8.97	82	1008334	52.424	ng	#	83
26) 2-Nitrophenol	9.16	139	152797	40.172	ng	#	1
27) 2,4-Dimethylphenol	9.23	122	287873	42.993	ng	#	56
28) bis(2-Chloroethoxy)methane	9.47	93	519394	48.416	ng	#	97
29) 2,4-Dichlorophenol	9.69	162	325071	43.204	ng		93
30) 1,2,4-Trichlorobenzene	9.89	180	433723	46.621	ng		95
31) Naphthalene	10.07	128	925050	42.471	ng		99
32) Benzoic acid	9.39	122	176742	32.839	ng	#	40
33) 4-Chloroaniline	10.20	127	186458	21.459	ng	#	57
34) Hexachlorobutadiene	10.36	225	348685	47.587	ng		97
35) Caprolactam	10.99	113	91920m	43.079	ng		
36) 4-Chloro-3-methylphenol	11.34	107	428439	44.099	ng	#	69
37) 2-Methylnaphthalene	11.69	142	734265	45.890	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.08	216	562778	43.010	ng	#	100
40) Hexachlorocyclopentadiene	12.06	237	797536	104.603	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.34	196	343610	43.386	ng		99
43) 2,4,5-Trichlorophenol	12.42	196	365718	44.835	ng	#	83
45) 1,1'-Biphenyl	12.75	154	1036832	39.372	ng		93
46) 2-Chloronaphthalene	12.79	162	829672	42.760	ng	#	91
47) 2-Nitroaniline	13.01	65	413565	60.249	ng	#	53
48) Acenaphthylene	13.65	152	1250120	43.172	ng		99
49) Dimethylphthalate	13.42	163	1078041	41.378	ng	#	99
50) 2,6-Dinitrotoluene	13.53	165	229301	43.523	ng	#	34
51) Acenaphthene	14.00	154	759730	42.373	ng		96
52) 3-Nitroaniline	13.86	138	167494	36.636	ng	#	5
53) 2,4-Dinitrophenol	14.07	184	330773	88.340	ng	#	73
54) Dibenzofuran	14.34	168	1349021	46.436	ng	#	89
55) 4-Nitrophenol	14.20	139	269782	67.164	ng	#	71
56) 2,4-Dinitrotoluene	14.33	165	340791	46.076	ng	#	64
57) Fluorene	15.00	166	1119405	44.256	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.57	232	384935	50.347	ng	#	100
59) Diethylphthalate	14.80	149	1129803	42.461	ng		99
60) 4-Chlorophenyl-phenylether	15.00	204	675961	44.263	ng		99
61) 4-Nitroaniline	15.04	138	170053	35.018	ng	#	1
62) Azobenzene	15.30	77	1754584	61.614	ng		84
64) 4,6-Dinitro-2-methylphenol	15.10	198	241378	44.212	ng		91
65) n-Nitrosodiphenylamine	15.22	169	974624	42.229	ng		99
66) 4-Bromophenyl-phenylether	15.90	248	446540	43.072	ng	#	89
67) Hexachlorobenzene	16.00	284	467155	39.877	ng	#	90
68) Atrazine	16.20	200	428751	46.358	ng		97
69) Pentachlorophenol	16.35	266	639684	86.008	ng		96
70) Phenanthrene	16.73	178	1965492	46.546	ng		100
71) Anthracene	16.83	178	1983567	47.100	ng		99
72) Carbazole	17.11	167	1642071	44.585	ng		99
73) Di-n-butylphthalate	17.70	149	1952697	43.538	ng	#	95
74) Fluoranthene	18.77	202	2559188	48.905	ng		98
76) Benzidine	18.99	184	2059694	76.370	ng		99
77) Pyrene	19.14	202	2714559	40.524	ng		98
79) Butylbenzylphthalate	20.09	149	922573	38.730	ng	#	56
80) Benzo(a)anthracene	20.91	228	2932489	45.555	ng		99
81) 3,3'-Dichlorobenzidine	20.86	252	889838	35.237	ng	#	96
82) Chrysene	20.96	228	2763934	44.730	ng		99
83) Bis(2-ethylhexyl)phthalate	20.87	149	1325230	37.818	ng		99
84) Di-n-octyl phthalate	21.72	149	2286347	40.200	ng	#	93
85) Indeno(1,2,3-cd)pyrene	25.00	276	3245622	50.717	ng	#	97
87) Benzo(b)fluoranthene	22.39	252	3189964	43.637	ng	#	92
88) Benzo(k)fluoranthene	22.43	252	2904321	41.452	ng	#	95
89) Benzo(a)pyrene	22.90	252	2951784	44.624	ng	#	95
90) Dibenzo(a,h)anthracene	25.01	278	2668796	43.521	ng	#	89
91) Benzo(g,h,i)perylene	25.61	276	2697015	44.790	ng	#	85

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

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