Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051617\
Data File : BM010059.D
Acq On : 16 May 2017 18:39
Operator : SJ/MA
Sample : PB99002BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB99002BSD

Manual Integrations APPROVED
mohammad
5/17/2017 5:46:55 PM

Quant Time: May 17 05:45:46 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	33953	20.00	ng		-0.03
21) Naphthalene-d8	10.55	136	152076	20.00	ng		-0.04
38) Acenaphthene-d10	14.41	164	105089	20.00	ng		-0.03
63) Phenanthrene-d10	17.16	188	276084	20.00	ng		-0.04
75) Chrysene-d12	21.36	240	386433	20.00	ng		-0.03
86) Perylene-d12	23.64	264	322902	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	223527	103.02	ng		-0.02
7) Phenol-d6	6.93	99	344406	99.07	ng		-0.04
23) Nitrobenzene-d5	8.93	82	408990	98.28	ng		-0.03
41) 2,4,6-Tribromophenol	15.91	330	130762	90.92	ng		-0.03
44) 2-Fluorobiphenyl	13.02	172	697893	88.81	ng		-0.04
78) Terphenyl-d14	19.79	244	1468051	80.07	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	26864	33.42	ng	#	100
3) Pyridine	3.68	79	96478	32.57	ng	#	84
4) n-Nitrosodimethylamine	3.59	42	85632	52.77	ng	#	44
6) Aniline	7.09	93	122325	27.10	ng	#	80
8) 2-Chlorophenol	7.32	128	106513	45.22	ng	#	65
9) Benzaldehyde	6.92	77	70665	27.16	ng	#	69
10) Phenol	6.96	94	178139	47.15	ng		95
11) bis(2-Chloroethyl)ether	7.19	93	118077	40.20	ng		85
12) 1,3-Dichlorobenzene	7.64	146	97237	36.98	ng	#	74
13) 1,4-Dichlorobenzene	7.79	146	101396	37.63	ng	#	93
14) 1,2-Dichlorobenzene	8.10	146	103585	39.65	ng	#	89
15) Benzyl Alcohol	8.01	79	147874	49.91	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.29	45	199821	42.86	ng		99
17) 2-Methylphenol	8.21	107	108446	43.98	ng	#	74
18) Hexachloroethane	8.82	117	50943	45.60	ng		97
19) n-Nitroso-di-n-propylamine	8.56	70	136939	43.41	ng	#	75
20) 3+4-Methylphenols	8.54	107	153589	45.75	ng	#	81
22) Acetophenone	8.59	105	203692	43.81	ng	#	78
24) Nitrobenzene	8.97	77	208927	47.18	ng	#	84
25) Isophorone	9.49	82	334013	46.64	ng	#	87
26) 2-Nitrophenol	9.67	139	58788	44.09	ng	#	30
27) 2,4-Dimethylphenol	9.73	122	114356	45.82	ng	#	72
28) bis(2-Chloroethoxy)methane	9.96	93	182727	42.35	ng		98
29) 2,4-Dichlorophenol	10.22	162	114235	47.04	ng		89
30) 1,2,4-Trichlorobenzene	10.41	180	114206	40.27	ng		98
31) Naphthalene	10.60	128	337420	40.30	ng		97
32) Benzoic acid	9.92	122	77724	46.55	ng	#	60
33) 4-Chloroaniline	10.74	127	44952	12.63	ng	#	74
34) Hexachlorobutadiene	10.86	225	74755	38.74	ng		96
35) Caprolactam	11.55	113	42414m	44.70	ng		
36) 4-Chloro-3-methylphenol	11.86	107	152415	46.96	ng	#	75
37) 2-Methylnaphthalene	12.22	142	262800	43.85	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	141851	37.09	ng	#	100
40) Hexachlorocyclopentadiene	12.55	237	87218	85.63	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.84	196	97467	41.39	ng		89
43) 2,4,5-Trichlorophenol	12.92	196	103877	40.61	ng	#	77
45) 1,1'-Biphenyl	13.23	154	356123	40.72	ng		94
46) 2-Chloronaphthalene	13.28	162	279915	40.73	ng	#	93
47) 2-Nitroaniline	13.51	65	163755	52.63	ng	#	57
48) Acenaphthylene	14.13	152	467175	43.17	ng		98
49) Dimethylphthalate	13.87	163	393201	42.45	ng		100
50) 2,6-Dinitrotoluene	14.00	165	82112	43.74	ng	#	12
51) Acenaphthene	14.47	154	278780	40.88	ng		97
52) 3-Nitroaniline	14.34	138	61794	31.00	ng	#	31
53) 2,4-Dinitrophenol	14.57	184	93249	83.09	ng	#	66
54) Dibenzofuran	14.81	168	483774	46.30	ng	#	90
55) 4-Nitrophenol	14.67	139	129874	97.29	ng	#	1
56) 2,4-Dinitrotoluene	14.80	165	133495	48.07	ng	#	38
57) Fluorene	15.46	166	405794	44.05	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.04	232	103460	46.82	ng	#	100
59) Diethylphthalate	15.23	149	441914	45.44	ng		97
60) 4-Chlorophenyl-phenylether	15.45	204	203085	40.37	ng		96
61) 4-Nitroaniline	15.52	138	93823	46.20	ng	#	1
62) Azobenzene	15.74	77	709466	60.12	ng		74
64) 4,6-Dinitro-2-methylphenol	15.57	198	69366	39.50	ng	#	72
65) n-Nitrosodiphenylamine	15.67	169	354824	41.42	ng		99
66) 4-Bromophenyl-phenylether	16.35	248	129806	39.59	ng	#	88
67) Hexachlorobenzene	16.46	284	141053	38.76	ng	#	79
68) Atrazine	16.63	200	137441	43.90	ng		97
69) Pentachlorophenol	16.82	266	139403	78.46	ng		93
70) Phenanthrene	17.21	178	669493	42.25	ng		99
71) Anthracene	17.30	178	708423	43.82	ng		99
72) Carbazole	17.58	167	657211	45.54	ng		99
73) Di-n-butylphthalate	18.12	149	832611	45.38	ng	#	95
74) Fluoranthene	19.23	202	868731	42.73	ng		98
76) Benzidine	19.43	184	363153	37.59	ng		97
77) Pyrene	19.59	202	926092	40.27	ng		98
79) Butylbenzylphthalate	20.48	149	436164	45.55	ng	#	59
80) Benzo(a)anthracene	21.34	228	1004519	43.26	ng		100
81) 3,3'-Dichlorobenzidine	21.27	252	298860	34.94	ng		98
82) Chrysene	21.39	228	896875	41.19	ng		99
83) Bis(2-ethylhexyl)phthalate	21.24	149	646703	45.23	ng		93
84) Di-n-octyl phthalate	22.13	149	1118534	45.60	ng	#	76
85) Indeno(1,2,3-cd)pyrene	25.98	276	870403	47.42	ng	#	100
87) Benzo(b)fluoranthene	22.95	252	933109	42.67	ng	#	96
88) Benzo(k)fluoranthene	23.00	252	915530	44.06	ng	#	98
89) Benzo(a)pyrene	23.54	252	853886	44.29	ng		98
90) Dibenzo(a,h)anthracene	25.98	278	719596	42.30	ng	#	92
91) Benzo(g,h,i)perylene	26.69	276	678675m	43.29	ng		

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

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